

APPENDIX B

VIBRACORE AND BOREHOLE LOGS

Honeywell

Weather: Mid 80s, mostly sunny, Winds SW 5-10 mph

Depth Units: Ft

[illegible]

Honeywell

Site: Onondaga Lake (Syracuse NY)

Start/End Date: 06/02/2010 - 06/03/2010

Weather: Mid 80s, mostly sunny, Winds SW 5-10 mph

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: S. Dillman Rig Type: Drill Barge

Water Elev: 362.61 Ft

Depth Units: Ft

[illegible]

Honeywell

Weather: Mid 80s, mostly sunny, Winds SW 5-10 mph

Depth Units: Ft

[illegible]

Honeywell

Site: Onondaga Lake (Syracuse NY)

Start/End Date: 06/02/2010 - 06/03/2010

Weather: Mid 80s, mostly sunny, Winds SW 5-10 mph

Surface Water Depth: 2.55 Ft

Borehole Geologist: S. Dillman Rig Type: Drill Barge

Depth Units: Ft

[illegible]

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-10190

Start/End Date: 06/02/2010 - 06/03/2010

Weather: Mid 80s, mostly sunny, Winds SW 5-10 mph

Northing: 1118031.439

Easting: 923732.274

Mud Line: 360.06 Ft

Surface Water Depth: 2.55 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: S. Dillman Rig Type: Drill Barge

Total Depth: 92.0 Ft

Water Elev: 362.61 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
80			1-1-2-3	3		ML	Wet, soft, brown, SILT, little fine sand, dilatent.	2SS-140H	Silt
							GUS Sample: 23 inches recovery	Shelby	
85			WR-WR-WR-WR	0		ML	Wet, soft, light brown, SILT, trace clay, cohesive.	2SS-140H	
90			45-64-61-87	125		GC	Wet, dense, green, weathered shale. Note: increased drilling resistance at 88.5 ft.	2SS-140H	Bedrock
92.0									

Note: Null fields indicate PID reading not taken

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-10191

Start/End Date: 06/09/2010 - 06/11/2010

Weather: Low 60s, Winds ESE 10 mph, cloudy, chance rain

Northing: 1116990.200

Easting: 925734.281

Mud Line: 359.27 Ft

Surface Water Depth: 4 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: S. Dillman Rig Type: Drill Barge

Total Depth: 110.0 Ft

Water Elev: 363.27 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0			WH-WH-WH-WH	0		SOLW	Wet, very soft, white, silt-like grains, some cementations at 6 inches and 24 inches, mothball odor.	2SS-140H	
5			WH-WH-WH-WH	0		SOLW	Wet, very soft, white, silt-like grains, little sand-like grains, trace cementations, mothball odor.	2SS-140H	
10			WH-WH-WH-WH	0		SOLW	Wet, very soft, white, silt-like grains, little concretions in top 1 inch, mothball odor.	2SS-140H	Solvay Waste
15			WR-WR-WR-WR	0		SOLW	Wet, very soft, white grading to green grading to dark gray, silt-like grains, mothball odor.	2SS-140H	
20			WR-WR-WR-WR	0		SOLW	Wet, very soft, white, silt-like grains, black grading to gray lens in 19 to 23 inches, mothball odor.	2SS-140H	

Honeywell

Weather: Low 60s, Winds ESE 10 mph, cloudy, chance rain

Total Depth: 110.0 Ft
Water Elev: 363.27 Ft
Depth Units: Ft

[illegible]

Honeywell

Site: Onondaga Lake (Syracuse NY)

Start/End Date: 06/09/2010 - 06/11/2010

Weather: Low 60s, Winds ESE 10 mph, cloudy, chance rain

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: S. Dillman Rig Type: Drill Barge

Water Elev: 363.27 Ft

Depth Units: Ft

[illegible]

Honeywell

Weather: Low 60s, Winds ESE 10 mph, cloudy, chance rain

Drilling Company: Atlantic Testing
Driller: Mark Childs
Borehole Logging Company: Parsons
Borehole Geologist: S. Dillman Rig Type: Drill Barge

Total Depth: 110.0 Ft
Water Elev: 363.27 Ft
Depth Units: Ft

[illegible]

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-10191

Start/End Date: 06/09/2010 - 06/11/2010

Weather: Low 60s, Winds ESE 10 mph, cloudy, chance rain



Northing: 1116990.200

Easting: 925734.281

Mud Line: 359.27 Ft

Surface Water Depth: 4 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: S. Dillman Rig Type: Drill Barge

Total Depth: 110.0 Ft

Water Elev: 363.27 Ft

Depth Units: Ft

[illegible]

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-10191

Start/End Date: 06/09/2010 - 06/11/2010

Weather: Low 60s, Winds ESE 10 mph, cloudy, chance rain

Northing: 1116990.200

Easting: 925734.281

Mud Line: 359.27 Ft

Surface Water Depth: 4 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: S. Dillman Rig Type: Drill Barge

Total Depth: 110.0 Ft

Water Elev: 363.27 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
100							GUS Sample: 23 inches recovery	Shelby	
			WR-WR-WR-WR	0		ML	Wet, very soft, SILT, some grading to little clay, trace fine sand, dilatent.	2SS-140H	
105									Silt
			WR-WR-WR-WR	0		ML	Wet, very soft, tan, SILT, little clay, dilatent.	2SS-140H	
110.0									

Note: Null fields indicate PID reading not taken

Honeywell

Site: Onondaga Lake (Syracuse NY)
Boring No: OL-SB-20210
Start/End Date: 06/21/2010 - 06/23/2010
Weather: Low 80, sun&clouds, Winds W-NW 5-10mph

Drilling Company: Atlantic Testing
Driller: Mark Childs
Borehole Logging Company: Parsons
Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 78.0 Ft
Water Elev: 362.69 Ft
Depth Units: Ft

[illegible]

Honeywell

Site: Onondaga Lake (Syracuse NY)

Start/End Date: 06/21/2010 - 06/23/2010

Weather: Low 80, sun&clouds, Winds W-NW 5-10mph

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Water Elev: 362.69 Ft

Depth Units: Ft

[illegible]

Honeywell

Site: Onondaga Lake (Syracuse NY)
Boring No: OL-SB-20210
Start/End Date: 06/21/2010 - 06/23/2010
Weather: Low 80, sun&clouds, Winds W-NW 5-10mph

Drilling Company: Atlantic Testing
Driller: Mark Childs
Borehole Logging Company: Parsons
Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 78.0 Ft
Water Elev: 362.69 Ft
Depth Units: Ft

[illegible]

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-20210

Start/End Date: 06/21/2010 - 06/23/2010

Weather: Low 80, sun&clouds, Winds W-NW 5-10mph

Northing: 1120165.727

Easting: 921156.554

Mud Line: 357.69 Ft

Surface Water Depth: 5 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 78.0 Ft

Water Elev: 362.69 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
60									
			WH-WH-WH-WH	0		CL	Wet, very soft, brown, CLAY, trace silt.	2SS-140H	
									Silt and Clay
65									
			WH-WH-WH-WH	0		CL	Wet, very soft, brown, CLAY, trace silt.	2SS-140H	
						CL	GUS Sample : 23 inches recovery	Shelby	
70									
			14-13-11-10	24		SM	Wet, medium dense, red-brown, fine to coarse SAND and Silt, some fine to coarse gravel in bottom 6 inches.	2SS-140H	Sand and Silt
75									
			100/2.5	100		Till	Wet, hard, red-brown, weathered rock, trace fine to coarse sand, trace fine gravel.	2SS-140H	Till
78.0									

Note: Null fields indicate PID reading not taken

Honeywell

Weather: Mid 70s,cloudy w/showers,Winds NW10-20mph

Depth Units: Ft

[illegible]

Honeywell

Site: Onondaga Lake (Syracuse NY)

Start/End Date: 06/14/2010 - 06/16/2010

Weather: Mid 70s,cloudy w/showers,Winds NW10-20mph

Surface Water Depth: 21 Ft

Borehole Geologist: S. Dillman Rig Type: Drill Barge

Depth Units: Ft

[illegible]

Honeywell

Site: Onondaga Lake (Syracuse NY)

Start/End Date: 06/14/2010 - 06/16/2010

Weather: Mid 70s,cloudy w/showers,Winds NW10-20mph

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: S. Dillman Rig Type: Drill Barge

Water Elev: 362.58 Ft

Depth Units: Ft

[illegible]

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-20211

Start/End Date: 06/14/2010 - 06/16/2010

Weather: Mid 70s,cloudy w/showers,Winds NW10-20mph

Northing: 1118994.121

Easting: 922573.897

Mud Line: 341.58 Ft

Surface Water Depth: 21 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: S. Dillman Rig Type: Drill Barge

Total Depth: 77.0 Ft

Water Elev: 362.58 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
60							GUS Sample: 22 inches recovery	Shelby	
			WR-1-3-2	4		ML	Wet, soft, tan-brown, SILT, little fine sand, dilatent, sand content increasing with depth.	2SS-140H	
65			WH-WH-2-4	2		ML	Wet, very soft, tan-brown, SILT, little to some clay, dilatent, clay lenses throughout.	2SS-140H	
70			4-2-2-4	4		ML/SM	Wet, soft, tan-brown, SILT, some fine sand, dilatent.	2SS-140H	
75			WR-WR-WR-WR	0		ML/SM	Wet, very soft, tan-brown, SILT and fine Sand, dilatent.	2SS-140H	
77.0									

Note: Null fields indicate PID reading not taken

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-20218

Start/End Date: 06/17/2010 - 06/18/2010

Weather: Low 70s, mostly cloudy, Winds NW 5-10mph

Northing: 1119576.381

Easting: 921478.930

Mud Line: 360.64 Ft

Surface Water Depth: 2 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 57.0 Ft

Water Elev: 362.64 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0			WH-WH-WH-WH	0		SM	Wet, very loose, black, fine to coarse SAND, slight petroleum-like odor.	2SS-140H	
			1-WH-WH-1	0		SM	Wet, loose, gray, fine to coarse SAND and Silt, some cemented chunks throughout, trace shells, sulfur-like odor. Note: Additional sample collected from adjacent borehole for material description due to poor recovery.	2SS-140H	
5							GUS Sample: 23 inches recovery	Shelby	
			WH-WH-WH-WH				No recovery	2SS-140H	
			WH-WH-WH-WH	0		ML/SM	Wet, very soft, light gray, SILT, fine to coarse SAND, cemented chunks throughout, trace shells, sulfur-like odor. Note: Additional sample collected from adjacent borehole for material description due to poor recovery.	2SS-140H	Marl
10			WH-WH-WH-WH				No recovery	2SS-140H	
							GUS Sample: 24 inches recovery	Shelby	
15			3-2-2-1	4		SM	Wet, loose, light gray-brown, medium to fine SAND, some silt in bottom of sample.	2SS-140H	
			WH-WH-1-WH	1		CL	Wet, very soft, brown, CLAY, trace fine sand.	2SS-140H	
20							GUS Sample: 24 inches recovery	Shelby	Silt and Clay

Honeywell

Weather: Low 70s, mostly cloudy, Winds NW 5-10mph

Total Depth: 57.0 Ft
Water Elev: 362.64 Ft
Depth Units: Ft

[illegible]

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-20218

Start/End Date: 06/17/2010 - 06/18/2010

Weather: Low 70s, mostly cloudy, Winds NW 5-10mph

Northing: 1119576.381

Easting: 921478.930

Mud Line: 360.64 Ft

Surface Water Depth: 2 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 57.0 Ft

Water Elev: 362.64 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
40			WH-WH-2-2	2		ML	Wet, very soft, brown, SILT, little fine sand, trace clay.	2SS-140H	
45			1-1-1-1	2		ML	Wet, very soft, brown, SILT, little fine sand, trace clay.	2SS-140H	Silt and Sand
50			WH-WH-WH-WH	0		ML	Wet, very soft, brown, SILT, trace fine sand, trace clay.	2SS-140H	
55			3-4-4-5	8		SM	Wet, loose, brown, medium to fine SAND, some silt, trace clay.	2SS-140H	Sand
57.0									

Note: Null fields indicate PID reading not taken

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-30171

Start/End Date: 06/28/2010 - 06/30/2010

Weather: Mid 80s, humid, T-storms, Winds SW 5-10mph

Northing: 1124681.167

Easting: 918598.775

Mud Line: 339.53 Ft

Surface Water Depth: 23 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 99.0 Ft

Water Elev: 362.53 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0			WH-WH-WH-WH	0		SOLW	Wet, very soft, white-green, silt-like grains, mothball odor.	2SS-140H	
			1-WH-1-WH	1		SOLW	Wet, very soft, white-green, silt-like grains, some cemented crust in bottom 4 inches, mothball odor.	2SS-140H	
5									
			WH-WH-WH-WH	0		SOLW	Wet, very soft, white-light gray, silt-like grains, trace sand-like grains, mothball odor.	2SS-140H	
10									
			WH-WH-WH-WH	0		SOLW	Wet, very soft, white, silt-like grains, mothball odor.	2SS-140H	
15									
							No Recovery	2SS-140H	
20									

Solvay Waste

Honeywell

Weather: Mid 80s, humid, T-storms, Winds SW 5-10mph

Depth Units: Ft

[illegible]

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-30171

Start/End Date: 06/28/2010 - 06/30/2010

Weather: Mid 80s, humid, T-storms, Winds SW 5-10mph

Northing: 1124681.167

Easting: 918598.775

Mud Line: 339.53 Ft

Surface Water Depth: 23 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 99.0 Ft

Water Elev: 362.53 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
40									Marl
			WH-WH-WH-WH	0		CL/ML	Wet, very soft, gray, CLAY and Silt, slight sulfur-like odor.	2SS-140H	
45						CL/ML	GUS Sample: 1 inch recovery	Shelby	Silt and Clay
						CL/ML	GUS Sample: 24 inches recovery	Shelby	
50			WH-WH-WH-WH	0		CL/ML	Wet, very soft, light-dark gray, CLAY and Silt.	2SS-140H	
55			WH-WH-WH-WH	0		CL	Wet, very soft, dark gray, CLAY, some silt.	2SS-140H	Clay
						CL	GUS Sample: 24 inches recovery	Shelby	
60			WH-WH-WH-WH	0		CL/ML	Wet, very soft, dark gray with dark brown varving, CLAY and Silt.	2SS-140H	

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-30171

Start/End Date: 06/28/2010 - 06/30/2010

Weather: Mid 80s, humid, T-storms, Winds SW 5-10mph

Northing: 1124681.167

Easting: 918598.775

Mud Line: 339.53 Ft

Surface Water Depth: 23 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges RIG Type: Drill Barge

Total Depth: 99.0 Ft

Water Elev: 362.53 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
60			WH-WH-WH-WH	0		CL/ML	Wet, very soft, dark gray with dark brown varving, CLAY and Silt.	2SS-140H	Clay
65			WH-WH-WH-WH	0		CL/ML	0 to 18 inches -Wet, very soft, dark gray-dark brown, CLAY, some silt, trace fine sand. 18-24 inches -wet, very soft, dark gray-dark brown, CLAY and Silt, trace fine sand.	2SS-140H	
						ML	GUS Sample: 23 inches recovery. Note: Contents emptied and recorded: 0 to 19 inches -Wet, very soft, dark brown, SILT, some fine sand. 19 to 23 inches - wet, very loose, dark brown, fine SAND, some silt.	Shelby	
70			WH-WH-WH-WH	0		ML/CL	Wet, very soft, dark brown, SILT and Clay.	2SS-140H	
75			WH-WH-WH-WH	0		CL	Wet, very soft, dark brown, CLAY.	2SS-140H	
						CL	GUS Sample: 24 inches recovery	Shelby	Silt and Clay
						CL	Wet, very soft, dark brown, CLAY.	2SS-140H	
80			WH-WH-WH-WH	0					

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-30171

Start/End Date: 06/28/2010 - 06/30/2010

Weather: Mid 80s, humid, T-storms, Winds SW 5-10mph

Northing: 1124681.167

Easting: 918598.775

Mud Line: 339.53 Ft

Surface Water Depth: 23 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 99.0 Ft

Water Elev: 362.53 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
80			WH-WH-WH-WH	0		CL	Wet, very soft, dark brown, CLAY.	2SS-140H	
85			WH-WH-WH-WH	0		CL/ML	Wet, very soft, medium brown, CLAY, some silt.	2SS-140H	
			WH-WH-WH-WH	0		CL/ML	Wet, very soft, medium brown, CLAY, some silt.	2SS-140H	Silt and Clay
							GUS Sample: no recovery	Shelby	
90							GUS Sample: 22 inches recovery	Shelby	
			3-2-2-1	4		ML	Wet, soft, brown, SILT, trace clay, trace fine sand.	2SS-140H	
95									Silt and Sand
			WH-WH-WH-6	0		ML	Wet, very soft, brown, SILT, little fine sand, trace clay.	2SS-140H	
99.0									

Note: Null fields indicate PID reading not taken

Honeywell

Site: Onondaga Lake (Syracuse NY)
Boring No: OL-SB-30172
Start/End Date: 06/24/2010 - 06/25/2010
Weather: High 70s, Winds NW 10-15mph, cloudy

Drilling Company: Atlantic Testing
Driller: Mark Childs
Borehole Logging Company: Parsons
Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 67.0 Ft
Water Elev: 362.81 Ft
Depth Units: Ft

[illegible]

Honeywell

Site: Onondaga Lake (Syracuse NY)
Boring No: OL-SB-30172
Start/End Date: 06/24/2010 - 06/25/2010
Weather: High 70s, Winds NW 10-15mph, cloudy

Drilling Company: Atlantic Testing
Driller: Mark Childs
Borehole Logging Company: Parsons
Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 67.0 Ft
Water Elev: 362.81 Ft
Depth Units: Ft

[illegible]

Honeywell

Site: Onondaga Lake (Syracuse NY)
Boring No: OL-SB-30172
Start/End Date: 06/24/2010 - 06/25/2010
Weather: High 70s, Winds NW 10-15mph, cloudy

Drilling Company: Atlantic Testing
Driller: Mark Childs
Borehole Logging Company: Parsons
Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 67.0 Ft
Water Elev: 362.81 Ft
Depth Units: Ft

[illegible]

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-30172

Start/End Date: 06/24/2010 - 06/25/2010

Weather: High 70s, Winds NW 10-15mph, cloudy

Northing: 1123826.196

Easting: 919272.895

Mud Line: 341.81 Ft

Surface Water Depth: 21 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 67.0 Ft

Water Elev: 362.81 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
60			WH-WH-WH-WH	0		ML/SM	Wet, very soft, brown, SILT, some fine sand, trace clay.	2SS-140H	
65			WH-WH-2-4	2		ML/SM	Wet, very soft, brown, SILT and fine Sand.	2SS-140H	
67.0									

Note: Null fields indicate PID reading not taken

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-40300

Start/End Date: 07/01/2010 - 07/08/2010

Weather: Low 70s, sun&clouds, Winds WNW 10-20 mph

Northing: 1125802.724

Easting: 915603.254

Mud Line: 360 Ft

Surface Water Depth: 2.8 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 96.0 Ft

Water Elev: 362.8 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0			WH-WH-WH-WH	0		ML	Wet, very soft, dark brown-black, SILT, some medium to fine sand, trace fine gravel.	2SS-140H	Silt
5							No Recovery	2SS-140H	
			WH-WH-WH-WH	0		SW	Wet, very loose, light gray, fine to coarse SAND, trace shells.	2SS-140H	
10							GUS Sample: 24 inches recovery	Shelby	
			WH-2-2-1	4		SM	Wet, very loose, light gray grading to dark gray, medium to fine SAND, trace silt, trace shells.	2SS-140H	
15							GUS Sample: 22 inches recovery	Shelby	Marl
			WH-1-1-1	2		SM	Wet, very loose, dark brown, fine SAND, some silt, trace shells.	2SS-140H	
20			WH-1-WH-1	1		SM	Wet, very loose, dark brown-gray, fine SAND, some silt, trace shells, trace wood fragments.	2SS-140H	

Honeywell

Site: Onondaga Lake (Syracuse NY)

Start/End Date: 07/01/2010 - 07/08/2010

Weather: Low 70s, sun&clouds, Winds WNW 10-20 mph

Surface Water Depth: 2.8 Ft

Borehole Geologist: A. Menges Rig Type: Drill Barge

Depth Units: Ft

[illegible]

Honeywell

Site: Onondaga Lake (Syracuse NY)

Start/End Date: 07/01/2010 - 07/08/2010

Weather: Low 70s, sun&clouds, Winds WNW 10-20 mph

Surface Water Depth: 2.8 Ft

Borehole Geologist: A. Menges Rig Type: Drill Barge

Depth Units: Ft

[illegible]

Honeywell

Site: Onondaga Lake (Syracuse NY)
Boring No: OL-SB-40300
Start/End Date: 07/01/2010 - 07/08/2010
Weather: Low 70s, sun&clouds, Winds WNW 10-20 mph

Drilling Company: Atlantic Testing
Driller: Mark Childs
Borehole Logging Company: Parsons
Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 96.0 Ft
Water Elev: 362.8 Ft
Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
60							GUS Sample: 23 inches recovery	Shelby	
							GUS Sample: 24 inches recovery	Shelby	
65									
			WR-WH-WH-WH	0		CL	Wet, very soft, brown, CLAY, little silt.	2SS-140H	
70			2-1-WH-1	1		CL	Wet, very soft, brown, CLAY, some silt, silty lenses throughout.	2SS-140H	Silt and Clay
							GUS Sample: 21 inches recovery	Shelby	
75			WH-WH-2-2	2		ML	Wet, very soft, brown, SILT, little clay 3 inches clay lens.	2SS-140H	
80			WH-1-WH-1	1		CL	Wet, very soft, brown, CLAY, some silt, silt lenses throughout.	2SS-140H	

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-40300

Start/End Date: 07/01/2010 - 07/08/2010

Weather: Low 70s, sun&clouds, Winds WNW 10-20 mph

Northing: 1125802.724

Easting: 915603.254

Mud Line: 360 Ft

Surface Water Depth: 2.8 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 96.0 Ft

Water Elev: 362.8 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
80			WH-1-WH-1	1		CL	Wet, very soft, brown, CLAY, some silt, silt lenses throughout.	2SS-140H	Silt and Clay
							GUS Sample: 22.5 inches recovery	Shelby	
85			WH-WH-4-8	4		SW/ML	0 to 6 inches -Wet, loose, brown, fine SAND (SW). 6 to 18 inches -wet, soft, brown, SILT, some clay (ML). 18 to 24 inches -wet, loose, brown, fine SAND (SW).	2SS-140H	Silt and Sand
90			7-7-6-9	13		SM	Wet, medium dense, brown, medium to coarse SAND.	2SS-140H	
95			8-7-11-13	18		SM	Wet, medium dense, brown, medium SAND.	2SS-140H	
97.0									

Note: Null fields indicate PID reading not taken

Honeywell

Site: Onondaga Lake (Syracuse NY)

Start/End Date: 07/15/2010 - 07/19/2010

Weather: Low 90s, Winds SW 5-15mph, hot and humid

Surface Water Depth: 3.5 Ft

Borehole Geologist: A. Menges Rig Type: Drill Barge

Depth Units: Ft

[illegible]

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-60298

Start/End Date: 07/15/2010 - 07/19/2010

Weather: Low 90s, Winds SW 5-15mph, hot and humid



Northings: 1118831.023

Easting: 928130.010

Mud Line: 359.18 Ft

Surface Water Depth: 3.5 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 61.0 Ft

Water Elev: 362.68 Ft

Depth Units: Ft

[illegible]

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-60298

Start/End Date: 07/15/2010 - 07/19/2010

Weather: Low 90s, Winds SW 5-15mph, hot and humid

Northing: 1118831.023

Easting: 928130.010

Mud Line: 359.18 Ft

Surface Water Depth: 3.5 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 61.0 Ft

Water Elev: 362.68 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
60						ML/CL	GUS Sample: 24 inches recovery	Shelby	Silt and Clay
61.0									

Note: Null fields indicate PID reading not taken

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-60299

Start/End Date: 07/09/2010 - 07/13/2010

Weather: Low 90s, Winds SW 5-15mph, hot and humid



Northing: 1119520.090

Easting: 928070.286

Mud Line: 354.68 Ft

Surface Water Depth: 8 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: S. Dillman Rig Type: Drill Barge

Total Depth: 63.0 Ft

Water Elev: 362.68 Ft

Depth Units: Ft

[illegible]

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-60299

Start/End Date: 07/09/2010 - 07/13/2010

Weather: Low 90s, Winds SW 5-15mph, hot and humid



Northing: 1119520.090

Easting: 928070.286

Mud Line: 354.68 Ft

Surface Water Depth: 8 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: S. Dillman Rig Type: Drill Barge

Total Depth: 63.0 Ft

Water Elev: 362.68 Ft

Depth Units: Ft

[illegible]

Honeywell

Site: Onondaga Lake (Syracuse NY)
Boring No: OL-SB-60299
Start/End Date: 07/09/2010 - 07/13/2010
Weather: Low 90s, Winds SW 5-15mph, hot and humid

Drilling Company: Atlantic Testing
Driller: Mark Childs
Borehole Logging Company: Parsons
Borehole Geologist: S. Dillman Rig Type: Drill Barge

Total Depth: 63.0 Ft
Water Elev: 362.68 Ft
Depth Units: Ft

[illegible]

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-60299

Start/End Date: 07/09/2010 - 07/13/2010

Weather: Low 90s, Winds SW 5-15mph, hot and humid

Northing: 1119520.090
 Easting: 928070.286
 Mud Line: 354.68 Ft
 Surface Water Depth: 8 Ft

Drilling Company: Atlantic Testing
 Driller: Mark Childs
 Borehole Logging Company: Parsons
 Borehole Geologist: S. Dillman Rig Type: Drill Barge

Total Depth: 63.0 Ft
 Water Elev: 362.68 Ft
 Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
60			WH-WH-WH-WH	0		ML/CL	Wet, very soft, dark gray, SILT and Clay, sewage-like odor.	2SS-140H	
						ML/CL	GUS Sample: 24 inches recovery	Shelby	Silt and Clay
63.0									

Note: Null fields indicate PID readings not taken

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-60300

Start/End Date: 07/20/2010 - 07/22/2010

Weather: Mid 80s, Winds NW 5-15mph, mostly cloudy



Northing: 1119671.158

Easting: 928710.903

Mud Line: 359.76 Ft

Surface Water Depth: 2.8 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 60.0 Ft

Water Elev: 362.56 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0							Wet, very soft, brown-light gray, fine to coarse SAND, trace organic material, slight organic odor.		
			1-WH-WH-WH	0		SW		2SS-140H	Sand
							GUS Sample: 24 inches recovery	Shelby	
5			4-1-WH-WH	1		SW	Wet, very soft, light gray, fine to coarse SAND, trace shells.	2SS-140H	
			WH-WH-WH-1	0		SM	Wet, very soft, dark gray-brown, fine to coarse SAND, some silt, trace shells, slight sulfur-like odor.	2SS-140H	
						ML	GUS Sample: 23 inches recovery	Shelby	
10			2-WH-WH-WH	0		ML	Wet, very soft, gray, SILT, some fine sand, trace shells, sulfur-like odor.	2SS-140H	Marl
			WH-WH-WH-WH	0		ML	Wet, very soft, gray, SILT, some fine sand, trace shells, sulfur-like odor.	2SS-140H	
15			WH-WH-WH-WH	0		ML	Wet, very soft, gray, SILT, some fine sand, trace shells, sulfur-like odor.	2SS-140H	
			WH-WH-WH-WH	0		ML	Wet, very soft, brown, SILT, little find sand, trace shells.	2SS-140H	
20			WH-WH-WH-WH	0		ML	Wet, very soft, brown, SILT, little find sand, trace shells.	2SS-140H	

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-60300

Start/End Date: 07/20/2010 - 07/22/2010

Weather: Mid 80s, Winds NW 5-15mph, mostly cloudy

Northing: 1119671.158

Easting: 928710.903

Mud Line: 359.76 Ft

Surface Water Depth: 2.8 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 60.0 Ft

Water Elev: 362.56 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
20			WH-WH-WH-WH	0		ML	Wet, very soft, dark brown, SILT, trace fine sand, trace shells, sewage-like odor.	2SS-140H	
			WH-WH-WH-WH	0		ML	Wet, very soft, dark brown, SILT, trace fine sand, trace shells, sewage-like odor.	2SS-140H	
25			WH-WH-WH-WH	0		ML	Wet, very soft, dark brown, SILT, trace fine sand, trace shells, sewage-like odor.	2SS-140H	
			WH-WH-1-2	1		ML	Wet, very soft, dark brown, SILT, trace fine sand, trace shells, trace wood fragments, sewage-like odor.	2SS-140H	
			WH-WH-WH-WH	0		ML	Wet, very soft, dark brown, SILT, trace organic material, trace shells, slight sewage-like odor.	2SS-140H	Silt
30			WH-WH-WH-WH	0		ML	Wet, very soft, medium brown, SILT, trace clay, trace shells, slight sewage-like odor.	2SS-140H	
			WH-WH-WH-WH	0		ML	Wet, very soft, medium brown, SILT, trace clay, trace shells, slight sewage-like odor.	2SS-140H	
35			WH-WH-WH-WH	0		ML	Wet, very soft, medium brown, SILT, trace clay, trace shells, slight sewage-like odor.	2SS-140H	
						ML	GUS Sample: 24 inches recovery	Shelby	
40			WH-WH-WH-WH	0		ML	Wet, very soft, brown, SILT, some clay, light sewage-like odor.	2SS-140H	Silt and Clay

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-60300

Start/End Date: 07/20/2010 - 07/22/2010

Weather: Mid 80s, Winds NW 5-15mph, mostly cloudy

Northing: 1119671.158

Easting: 928710.903

Mud Line: 359.76 Ft

Surface Water Depth: 2.8 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 60.0 Ft

Water Elev: 362.56 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
40			WH-WH-WH-WH	0		ML	Wet, very soft, brown, SILT, some clay, slight sewage-like odor.	2SS-140H	
			WH-WH-WH-WH	0		ML/CL	Wet, very soft, brown SILT and Clay, slight sewage-like odor.	2SS-140H	
45			WH-WH-WH-WH	0		ML/CL	Wet, very soft, brown SILT and Clay, slight sewage-like odor.	2SS-140H	
						ML/CL	GUS Sample: 24 inches recovery	Shelby	
			WH-WH-WH-WH	0		ML/CL	Wet, very soft, dark brown-dark gray, SILT and Clay.	2SS-140H	
50			WH-WH-WH-WH	0		CL.ML	Wet, very soft, dark gray, CLAY and Silt.	2SS-140H	Silt and Clay
			WH-WH-WH-WH	0		CL/ML	Wet, very soft, dark gray, CLAY and Silt.	2SS-140H	
			WH-WH-WH-WH	0		CL/ML	Wet, very soft, dark gray, CLAY and Silt.	2SS-140H	
55			WH-WH-WH-WH	0		CL/ML	Wet, very soft, dark gray, CLAY and Silt.	2SS-140H	
						CL/ML	GUS Sample: 24 inches recovery	Shelby	
			WH-WH-WH-WH	0		CL	Wet, very soft, dark gray, CLAY, some silt.	2SS-140H	
60.0									

Note: Null fields indicate PID reading not taken

Honeywell

Site: Onondaga Lake (Syracuse NY)
Boring No: OL-SB-60301
Start/End Date: 07/13/2010 - 07/14/2010
Weather: Low 80s, cloudy, Winds, S 5-10mph

Drilling Company: Atlantic Testing
Driller: Mark Childs
Borehole Logging Company: Parsons
Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 60.0 Ft
Water Elev: 362.73 Ft
Depth Units: Ft

[illegible]

Honeywell

Site: Onondaga Lake (Syracuse NY)

Start/End Date: 07/13/2010 - 07/14/2010

Weather: Low 80s, cloudy, Winds, S 5-10mph

Surface Water Depth: 4.5 Ft

Borehole Geologist: A. Menges Rig Type: Drill Barge

Depth Units: Ft

[illegible]

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-SB-60301

Start/End Date: 07/13/2010 - 07/14/2010

Weather: Low 80s, cloudy, Winds, S 5-10mph

Northing: 1120305.194

Easting: 928433.858

Mud Line: 358.23 Ft

Surface Water Depth: 4.5 Ft

Drilling Company: Atlantic Testing

Driller: Mark Childs

Borehole Logging Company: Parsons

Borehole Geologist: A. Menges Rig Type: Drill Barge

Total Depth: 60.0 Ft

Water Elev: 362.73 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
40									
		WH-WH-WH-WH		0		CL	Wet, very soft, brown-gray, CLAY, trace silt.	2SS-140H	
						CL	GUS Sample: 24 inches recovery	Shelby	
45									
		WH-WH-WH-WH		0		CL	Wet, very soft, brown-gray, CLAY, trace silt.	2SS-140H	
50									Silt and Clay
		WH-WH-WH-WH		0		CL	Wet, very soft, brown-gray, CLAY, trace silt.	2SS-140H	
						CL	GUS Sample: 6 inches recovery	Shelby	
55						CL	GUS Sample: 24 inches recovery	Shelby	
		WH-WH-WH-WH		0		CL	Wet, very soft, brown, CLAY.	2SS-140H	
60.0									

Note: Null fields indicate PID reading not taken

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20209

Date: 06/10/2010

Weather:

Northing: 1119349.463

Easting: 921604.954

Mud Line: 361.4 Ft

Surface Water Depth: 1.9 Ft

Driller: PARSONS

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 8.30

Water Elev: 363.3 Ft

Attempts: 3

Depth Units:

Depth	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1297-11	18.0	GW	Wet, very dense, light to dark gray, fine to coarse GRAVEL and Sand, some cobbles, petroleum like odor.		
		OL-1297-12	89.0	GW	Wet, very dense, light to dark gray, fine to coarse GRAVEL and fine to coarse Sand, some cobbles, trace silt, petroleum like odor.		
		OL-1297-13	138.0	ML	Wet, dense, light gray, SILT and fine to coarse Sand, some cemented chunks, slight petroleum like odor.		
		OL-1297-15	248.0	ML	Wet, dense, light gray, SILT and fine to coarse Sand, some cemented chunks, slight petroleum like odor.		
		OL-1297-16	40.5	ML	Wet, soft, light gray, SILT and fine to coarse Sand, trace cemented chunks, trace shells, slight petroleum like odor.		
5		OL-1297-17	16.0	ML	Wet, soft, light gray, SILT and fine to coarse Sand, trace shells, slight sulfur like odor.		
		OL-1297-18	7.1	ML	Wet, soft, light gray, SILT and fine to coarse Sand, trace shells, slight sulfur like odor.		
		OL-1297-19	4.3	ML	Wet, soft, light gray, SILT and fine to coarse Sand, trace shells, slight sulfur like odor.		
8.3							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20199

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny and humid.



Northing: 1120041.90

Easting: 921286.40

Mud Line: 361.8 Ft

Surface Water Depth: 0.7 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 6.00

Core Recovery Depth: 2.5

Water Elev: 362.5 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1209-18	1.7	Fill	Wet, medium dense, dark grey and black, fine to coarse SAND, little silt, little fine subangular gravel, trace organics, strong petroleum-like odor (slag).	Vibracore	Fill
		OL-1209-19	2.0	Fill	Wet, medium dense, dark grey and black, fine to coarse SAND, little silt, little fine subangular gravel, trace organics, strong petroleum-like odor (slag).	Vibracore	
		OL-1209-20	0.9	Fill	Wet, medium dense, dark grey and black, fine to coarse SAND, little silt, little fine subangular gravel, trace organics, strong petroleum-like odor (slag).	Vibracore	
		OL-1211-01	0.7	Fill	Wet, medium dense, dark grey and black, fine to coarse SAND, little silt, little fine subangular gravel, trace organics, strong petroleum-like odor (slag).	Vibracore	
		OL-1211-02	0.8	Fill	Wet, very dense, dark grey, fine to coarse SAND, little subangular gravel, trace organics, strong petroleum-like odor (slag).	Vibracore	
		OL-1211-03	1.3	Fill	Wet, very dense, dark grey, fine to coarse SAND, little subangular gravel, trace organics, strong petroleum-like odor (slag).	Vibracore	
		OL-1211-04	1.3	Fill	Wet, very dense, dark grey, fine to coarse SAND, little subangular gravel, trace organics, strong petroleum-like odor (slag).	Vibracore	
		OL-1211-05	1.1	Fill	Wet, very dense, dark grey, fine to coarse SAND, little subangular gravel, trace organics, strong petroleum-like odor (slag).	Vibracore	

2.5

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20200

Date: 05/26/2010

Weather: Low 90's, winds NW 5-15 mph, sun.

Northing: 1120015.70

Easting: 921346.20

Mud Line: 361.2 Ft

Surface Water Depth: 1.3 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 4.00

Core Recovery Depth: 1.50

Water Elev: 362.5 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1214-19	0.0	Fill	Wet, loose, dark grey, fine to coarse subangular GRAVEL, trace fine to coarse sand, petroleum-like odor, slag.	Vibracore	
		OL-1214-20	0.0	Fill	Wet, loose, fine subangular GRAVEL, some fine to coarse sand, trace silt, brick fragments, strong petroleum odor, slag.	Vibracore	
		OL-1215-01	0.1	Fill	Wet, loose, dark grey, fine to coarse SAND, little silt, trace fine subangular gravel, strong petroleum-like odor, slag.	Vibracore	Fill
		OL-1215-02	0.1	Fill	Wet, loose, fine to coarse SAND, some silt, trace clay clast, trace organics, strong petroleum-like odor, slag.	Vibracore	
		OL-1215-03	0.2	Fill	Wet, loose, fine to coarse SAND, some silt, trace fine subangular gravel, trace organics, strong petroleum-like odor, slag.	Vibracore	

1.25

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20201

Date: 05/27/2010

Weather: High 80s ,winds W 5-15 mph, cloudy w/T-storms



Northing: 1119971.23

Easting: 921409.31

Mud Line: 355.1 Ft

Surface Water Depth: 7.4 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 3.50

Core Recovery Depth: 2.60

Water Elev: 362.5 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1219-20	0.0	Fill	Wet, loose, dark gray, fine to coarse angular GRAVEL, some shells, trace sand, petroleum-like odor.	Vibracore	Fill
		OL-1221-01	0.0	Fill	Wet, loose, dark gray, angular, fine to coarse GRAVEL, some shells, trace fine to coarse sand, petroleum-like odor.	Vibracore	
		OL-1221-02	0.0	Fill	Wet, loose, very loose, dark gray, angular fine to coarse GRAVEL, some loose fine to coarse sand, trace slag, organic debris, petroleum-like odor. large brick.	Vibracore	
		OL-1221-03	0.0	Fill	Wet, loose to very loose, dark gray, angular fine to medium GRAVEL, some fine to coarse sand, petroleum-like odor.	Vibracore	
		OL-1221-04	0.0	Fill	Wet, loose, dark gray, fine to coarse SAND, some angular fine to coarse gravel, trace angular cobble, petroleum-like odor.	Vibracore	
		OL-1221-05	0.0	Fill	Wet, loose, dark gray, coarse to fine SAND, some angular fine to medium gravel, little shells, trace metal fragments, large cobble in end of recovery, petroleum-like odor.	Vibracore	
		OL-1221-06	0.0	Fill	Wet, loose, dark gray, coarse to fine SAND, some angular fine to medium gravel, little shells, trace metal fragments, large cobble in end of recovery, petroleum-like odor.	Vibracore	
		OL-1221-07	0.0	Fill	Moist, loose, dark gray, fine to coarse SAND, some angular medium to fine gravel, trace metal fragments, slag, petroleum-like odor.	Vibracore	

2.5

Honeywell

Site: Onondaga Lake (Syracuse NY)

Date: 05/27/2010

Weather: High 80s, winds W 5-15 mph, cloudy w/T-storms

Surface Water Depth: 4.1 Ft

Penetration Depth: 10.00

Core Recovery Depth: 8.50

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1219-06	0.0	Fill	Wet, very loose, brown, angular fine to coarse GRAVEL, trace silt, metal shavings, petroleum-like odor, slag.	Vibracore	Fill
		OL-1219-07	0.0	Fill		Vibracore	
		OL-1219-08	0.0	Fill	Wet, very loose, brown, angular fine to coarse GRAVEL, trace silt, metal shavings, petroleum-like odor, slag.	Vibracore	
		OL-1219-09	0.0	Fill	Wet, loose, dark gray, coarse to fine SAND, some subangular fine to coarse gravel, little silt, delterious debris, one large cobble, petroleum-like odor.	Vibracore	
		OL-1219-10	0.0	Fill		Vibracore	
		OL-1219-11	0.0	Fill		Vibracore	
		OL-1219-12	0.0	Fill	Wet, loose, dark gray, coarse to fine SAND, some subangular fine to coarse gravel, little silt, delterious debris, one large cobble, petroleum-like odor.	Vibracore	
		OL-1219-13	0.0	Fill	Moist, loose, dark gray, angular to sub-rounded coarse to fine GRAVEL, little fine to coarse sand, petroleum-like odor, slag.	Vibracore	
		OL-1219-15	0.0	Fill	Wet, loose, dark gray, angular to sub-round fine to coarse GRAVEL, some fine to coarse sand, trace slag, metal fragments, petroleum-like odor.	Vibracore	
		OL-1219-16	0.0	Fill	Wet, loose, dark gray, angular-subround fine to coarse GRAVEL, some fine to coarse sand, trace slag, metal fragments, petroleum-like odor.	Vibracore	

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20202

Date: 05/27/2010

Weather: High 80s, winds W 5-15 mph, cloudy w/T-storms

Northing: 1119897.65

Easting: 921434.62

Mud Line: 358.4 Ft

Surface Water Depth: 4.1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 10.00

Core Recovery Depth: 8.50

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1219-17	0.0	Fill	Moist, dense, dark gray, angular to sub-round fine to coarse GRAVEL, some fine sand, trace silt, no odor, slag.	Vibracore	Fill
		OL-1219-18	0.0	CL	Moist, stiff, light brown, SILT, some clay, dense, little well rounded fine to coarse gravel, petroleum-like odor.	Vibracore	Clay
		OL-1219-19	0.0	CL	Moist, stiff, light brown to red, CLAY, some silt, some sub-round fine to coarse gravel, metal fragments, petroleum-like odor, slag.	Vibracore	
8.0							

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20203

Date: 05/27/2010

Weather: High 80s, winds W 5-15mph, cloudy w/T-storms



Northing: 1119834.16

Easting: 921436.01

Mud Line: 362 Ft

Surface Water Depth: 2.4 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 10.00

Core Recovery Depth: 4.50

Water Elev: 362 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0			0.0	Fill	Wet, loose, dark gray, coarse to fine SAND, some angular coarse to fine gravel, little soft clay, petroleum-like odor.		Fill
		OL-1218-16	0.0	Fill	Wet, loose, brown, coarse to fine SAND, some angular coarse to fine gravel, little soft silt, petroleum-like odor.	Vibracore	
		OL-1218-17	0.0	Fill	Wet, loose, brown, coarse to fine SAND, some angular coarse gravel, little soft silt, petroleum-like odor.	Vibracore	
		OL-1218-18	0.0	Fill	Wet, loose, brown, coarse GRAVEL, coarse to fine sand, cobbles >2 inch, petroleum-like odor.	Vibracore	
		OL-1218-19	0.0	Fill	Wet, loose, brown, coarse GRAVEL, coarse to fine sand, cobbles >2 inch, trace metal shavings, petroleum-like odor, slag.	Vibracore	
		OL-1218-20	0.0	Fill	Wet, loose, brown, sub-round to subangular coarse to fine GRAVEL, little coarse to fine sand, trace metal shavings, petroleum-like odor, slag.	Vibracore	
		OL-1219-01	0.0	Fill	0-1 inches is: Wet, loose, brown, coarse to fine sub-round to sub-angular GRAVEL, little coarse to fine sand, trace metal shavings, petroleum-like odor, slag. Bottom inch and half: Black band organic mud, MARL.	Vibracore	
							Marl
		OL-1219-02	0.0	SM	Wet, very loose, light gray, fine to coarse SAND, some silt, trace shells, metal bolt, sulfur odor.	Vibracore	
3							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20203

Date: 05/27/2010

Weather: High 80s, winds W 5-15mph, cloudy w/T-storms

Northing: 1119834.16

Easting: 921436.01

Mud Line: 362 Ft

Surface Water Depth: 2.4 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 10.00

Core Recovery Depth: 4.50

Water Elev: 362 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
3		OL-1219-03	0.0	SM	Wet, very loose, light gray, fine SAND, some silt, little shells, sulfur odor.	Vibracore	Marl
		OL-1219-04	0.0	SM	Wet, very loose, light gray, fine SAND, some silt, little shells, sulfur odor.	Vibracore	
4.5							

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20204

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers.



Northing: 1119740.84

Easting: 921912.23

Mud Line: 332.7 Ft

Surface Water Depth: 29.8 Ft

Driller: PARSONS

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 12.00

Core Recovery Depth: 10.90

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1239-09	0.0	ML	Wet, very soft, dark brown, SILT.	Vibracore	Silt
		OL-1239-10	0.0	ML	Wet, very soft, dark brown, SILT.	Vibracore	
		OL-1239-11	0.0	ML	Wet, very soft, dark brown, SILT, petroleum like odor.	Vibracore	
		OL-1239-12	0.5	ML	Wet, very soft, dark brown, SILT, petroleum like odor.	Vibracore	
		OL-1239-13	0.3	ML	Wet, very soft, black, SILT, petroleum like odor.	Vibracore	
		OL-1239-14	0.1	ML	Wet, very soft, black, SILT, petroleum like odor.	Vibracore	
		OL-1239-15	0.2	ML	Wet, very soft, black, SILT, petroleum like odor.	Vibracore	
		OL-1239-16	0.1	ML	Wet, very soft, black, SILT, petroleum-like odor.	Vibracore	
		OL-1239-17	0.5	ML	Wet, soft, black, SILT, petroleum-like odor.	Vibracore	
		OL-1239-18	0.1	ML	Wet, soft, black, SILT, petroleum-like odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20204

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers.

Northing: 1119740.84

Easting: 921912.23

Mud Line: 332.7 Ft

Surface Water Depth: 29.8 Ft

Driller: PARSONS

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 12.00

Core Recovery Depth: 10.90

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1239-19	0.1	ML	Wet, medium stiff, light to dark brown, SILT, some clay.	Vibracore	Silt
		OL-1239-20	0.0	ML/CL	Wet, medium stiff, light brown, SILT and CLAY, trace shells, sulfur like odor.	Vibracore	
		OL-1240-01	0.3	ML/CL	Wet, medium stiff, light brown, SILT and CLAY, trace shells, sulfur like odor.	Vibracore	Marl
		OL-1240-02	0.0	CL/ML	Wet, medium stiff, light brown, CLAY and SILT, trace shells, sulfur like odor.	Vibracore	

9.5

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20204A

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20 mph, showers

Northing: 1119735.10

Easting: 921922.01

Mud Line: 332.7 Ft

Surface Water Depth: 29.8 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 12.00

Core Recovery Depth: 10.80

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1240-03	0.0	ML	Wet, very soft, dark brown, SILT, trace organic material.	Vibracore	Silt
		OL-1240-04	0.0	ML	Wet, very soft, dark brown, SILT.	Vibracore	
		OL-1240-05	0.0	ML	Wet, very soft, dark brown, SILT.	Vibracore	
		OL-1240-06	0.0	ML	Wet, very soft, dark brown, SILT, slight petroleum-like odor.	Vibracore	
		OL-1240-07	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1240-08	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1240-09	0.3	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1240-10	0.2	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1240-12	0.4	ML	Wet, very soft, black, SILT, petroleum-like odor.	Vibracore	Clay
		OL-1240-13	0.1	ML	Wet, soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1240-14	0.0	ML	Wet, medium stiff, brown, SILT and Clay, slight petroleum-like odor.	Vibracore	
							Clay
		OL-1240-15	0.1	CL	Wet, medium stiff, brown, CLAY and Silt, slight petroleum-like odor.	Vibracore	
		OL-1240-16	0.2	CL	Wet, medium stiff, brown, CLAY and Silt, slight sulfur like odor.	Vibracore	Marl
		OL-1240-17	0.1	CL	Wet, stiff, medium brown, CLAY, some silt, trace shells, sulfur like odor.	Vibracore	

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20205

Date: 05/26/2010

Weather: Low 90s, winds NW 5-15mph, sun

Honeywell

Northing: 1119591.10

Easting: 922106.70

Mud Line: 334.3 Ft

Surface Water Depth: 28.2 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 10.80

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1212-10	0.0	ML	Wet, soft, grey brown, SILT, trace fine sand, organic odor.	Vibracore	Silt
		OL-1212-11	0.1	ML	Wet, soft, grey brown, SILT, trace fine sand, organic odor.	Vibracore	
		OL-1212-12	0.1	ML	Wet, soft, grey brown, SILT, trace fine sand, organic odor.	Vibracore	
		OL-1212-13	0.0	ML	Wet, soft, grey brown, SILT, trace fine sand, organic odor.	Vibracore	
		OL-1212-14	0.2	ML	Wet, soft, black, SILT, petroleum-like odor.	Vibracore	
		OL-1212-15	0.0	ML	Wet, soft, black, SILT, petroleum-like odor.	Vibracore	
		OL-1212-16	0.2	ML	Wet, soft, black, SILT, petroleum-like odor.	Vibracore	
		OL-1212-17	0.5	ML	Wet, soft, black, SILT, strong organic odor.	Vibracore	Silt
		OL-1212-18	1.7	ML	Wet, soft, black, SILT, strong organic odor, visible sheen.	Vibracore	
							Marl
		OL-1212-19	6.1	ML	Wet, soft, grey brown, SILT, trace fine sand, little shells, trace organics, sulfur odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20205

Date: 05/26/2010

Weather: Low 90s, winds NW 5-15mph, sun

Northing: 1119591.10

Easting: 922106.70

Mud Line: 334.3 Ft

Surface Water Depth: 28.2 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 10.80

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1212-20	0.1	ML	Moist, soft, brown. SILT, little shells, sufur odor.	Vibracore	Marl
		OL-1214-01	1.6	ML	Moist, soft, brown. SILT, little shells, sufur odor.	Vibracore	
		OL-1214-03	1.0	ML	Moist, soft, brown. SILT, little shells, sufur odor.	Vibracore	
		OL-1214-04	0.2	ML	Wet, soft, grey, SILT, little clay, trace shells, sufur odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30176

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1120436.41

Easting: 921271.77

Mud Line: 343 Ft

Surface Water Depth: 19.5 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 12.00

Core Recovery Depth: 11.10

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1263-12	0.0	ML	Wet, dark gray, SILT, trace, solvay waste cementations, petroleum-like odor.	Vibracore	Solvay Waste
		OL-1263-13	0.0	ML	Wet, dark gray, SILT, trace, solvay waste cementations, petroleum-like odor. Wet, soft, gray, silt-like grains on bottom half.	Vibracore	
		OL-1263-14	0.0	SOLW		Vibracore	
		OL-1263-15	0.0	SOLW	Wet, soft, gray, silt-like grains on bottom half.	Vibracore	
		OL-1263-16	0.0	SOLW	Wet, soft, gray, silt-like grains on bottom half.	Vibracore	
		OL-1263-17	0.0	SOLW	Wet, soft, gray, silt-like grains, sulfur odor.	Vibracore	
		OL-1263-18	0.0	SOLW	Wet, soft, gray, silt-like grains, sulfur odor.	Vibracore	
		OL-1263-19	0.0	SOLW	Wet, soft, light gray, silt-like grains, sulfur odor.	Vibracore	
		OL-1263-20	0.0	SOLW	Wet, soft, light gray, silt-like grains, sulfur odor.	Vibracore	
		OL-1264-01	0.0	SOLW	Wet, soft, greenish gray, silt-like grains, sulfur odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30176

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Northing: 1120436.41

Easting: 921271.77

Mud Line: 343 Ft

Surface Water Depth: 19.5 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 12.00

Core Recovery Depth: 11.10

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1264-02	0.0	SOLW	Wet, soft, light gray, silt-like grains, sulfur odor.	Vibracore	Solvay Waste
		OL-1264-03	0.0	SOLW	Wet, soft, light gray, silt-like grains, sulfur odor.	Vibracore	
		OL-1264-04	0.0	SOLW	Wet, soft, light gray-green, silt-like grains, sulfur odor.	Vibracore	
		OL-1264-05	0.0	SOLW	Wet, soft, light gray-green, silt-like grains, sulfur odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30177

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1120637.38

Easting: 921271.52

Mud Line: 339.3 Ft

Surface Water Depth: 23.2 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 12.00

Core Recovery Depth: 10.40

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1264-06	0.3	ML	Wet, soft, black, SILT.	Vibracore	Silt
		OL-1264-07	0.0	ML	Wet, soft, black, SILT, concretions.	Vibracore	
		OL-1264-08	0.1	ML	Wet, soft, black, SILT, concretions.	Vibracore	
		OL-1264-09	0.1	SOLW	Wet, soft, green-gray, silt-like grains.	Vibracore	Solvay Waste
		OL-1264-10	0.0	SOLW	Wet, soft, green-gray, silt-like grains.	Vibracore	
		OL-1264-11	0.1	SOLW	Wet, soft, green-gray, silt-like grains.	Vibracore	
		OL-1264-12	0.0	SOLW	Wet, soft, green-gray, silt-like grains.	Vibracore	
		OL-1264-13	0.0	SOLW	Wet, soft, gray and dark gray, silt-like grains, concretions throughout, mothball odor.	Vibracore	
		OL-1264-15	0.0	SOLW	Wet, soft, light gray, silt-like grains, concretions, mothball odor.	Vibracore	
		OL-1264-16	0.0	SOLW	Wet, soft, light gray, silt-like grains, concretions, mothball odor.	Vibracore	
5							

BORING LOG

Page 2 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30177

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1120637.38

Easting: 921271.52

Mud Line: 339.3 Ft

Surface Water Depth: 23.2 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 12.00

Core Recovery Depth: 10.40

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1264-17	0.1	SOLW	Wet, soft, light gray-green, silt-like grains, concretions, mothball odor.	Vibracore	Solvay Waste
		OL-1264-18	0.0	SOLW	Wet, soft, light gray, silt-like grains, concretions, mothball odor.	Vibracore	
		OL-1264-19	0.0	SOLW	Wet, soft, light gray, silt-like grains, concretions, mothball odor.	Vibracore	
		OL-1264-20	0.0	SOLW	Wet, soft, green-gray, silt-like grains, concretions, mothball odor.	Vibracore	
9.5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30178

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny.

Northing: 1120430.18

Easting: 921380.01

Mud Line: 336.2 Ft

Surface Water Depth: 26.3 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 10.10

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1248-12	0.0	ML	Wet, very soft, dark brown, SILT.	Vibracore	Silt
		OL-1248-13	0.0	ML	Wet, very soft, dark brown, SILT.	Vibracore	
		OL-1248-14	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1248-15	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1248-16	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1248-17	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1248-18	0.0	ML	Wet, very soft, black, SILT, slight petroleum like odor.	Vibracore	
		OL-1248-19	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	Solvay Waste
		OL-1248-20	0.0	ML	Wet, very soft, green to gray, SILT and silt-like grains, chemical-like odor.	Vibracore	
		OL-1249-01	0.0	SOLW	Wet, soft, white, silt-like grains, cemented chunks throughout, chemical-like odor.	Vibracore	Solvay Waste
5							

Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30178

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny.

Northing: 1120430.18

Easting: 921380.01

Mud Line: 336.2 Ft

Surface Water Depth: 26.3 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 10.10

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1249-02	0.0	SOLW	Wet, soft, gray to white, silt-like grains, cemented chunks throughout, chemical-like odor.	Vibracore	Solvay Waste
		OL-1249-03	0.0	SOLW	Wet, soft, gray to white, silt-like grains, cemented chunks throughout, chemical-like odor.	Vibracore	
		OL-1249-04	0.0	SOLW	Wet, soft, white, silt-like grains, cemented chunks throughout, chemical-like odor.	Vibracore	
		OL-1249-05	0.0	SOLW	Wet, soft, gray to white, silt-like grains, cemented chunks throughout, chemical-like odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30179

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny.

Honeywell

Northing: 1120617.37

Easting: 921351.93

Mud Line: 335.7 Ft

Surface Water Depth: 26.8 Ft

Driller: NA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.60

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1247-17	0.0	ML	Wet, very soft, dark brown, SILT.	Vibracore	Silt
		OL-1247-18	0.0	ML	Wet, very soft, dark brown, SILT, slight petroleum-like odor.	Vibracore	
		OL-1247-19	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1247-20	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1248-01	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1248-02	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1248-03	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1248-04	0.0	ML	Wet, very soft, black, SILT, trace organic material, slight petroleum-like odor.	Vibracore	Solvay
		OL-1248-06	0.0	ML	Wet, soft, light to dark gray, SILT, trace organic material, slight chemical-like odor.	Vibracore	
		OL-1248-07	0.0	SOLW	Wet, very soft, white to green, silt-like grains, some sand-like grains, chemical-like odor.	Vibracore	Solvay
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30179

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny.

Northing: 1120617.37

Easting: 921351.93

Mud Line: 335.7 Ft

Surface Water Depth: 26.8 Ft

Driller: NA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.60

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1248-08	0.0	SOLW	Wet, very soft, white to gray, silt-like grains, some sand-like grains, chemical-like odor.	Vibracore	Solvay
		OL-1248-09	0.0	SOLW	Wet, very soft, white to green, silt-like grains, some sand-like grains, chemical-like odor.	Vibracore	
		OL-1248-10	0.0	SOLW	Wet, very soft, green, silt-like grains, chemical-like odor.	Vibracore	
		OL-1248-11	0.0	ML	Wet, soft, black, SILT, little fine sand, slight chemical-like odor.	Vibracore	Silt

9.5

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30180

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny.

Northing: 1120815.12

Easting: 921272.41

Mud Line: 334.4 Ft

Surface Water Depth: 28.1 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.20

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1249-06	0.0	ML	Wet, very soft, dark brown, SILT.	Vibracore	Silt
		OL-1249-07	0.0	ML	Wet, very soft, dark brown, SILT.	Vibracore	
		OL-1249-08	0.0	ML	Wet, very soft, black, SILT.	Vibracore	
		OL-1249-09	0.0	ML	Wet, very soft, black, SILT.	Vibracore	
		OL-1249-10	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1249-11	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1249-12	0.0	ML	Wet, very soft, dark gray, SILT, slight petroleum-like odor.	Vibracore	
		OL-1249-13	0.0	ML	Wet, very soft, green to gray, SILT and silt-like grains, chemical-like odor.	Vibracore	Solvay
		OL-1249-15	0.0	SOLW	Wet, very soft, green to gray, silt-like grains, chemical-like odor.	Vibracore	
		OL-1249-16	0.0	SOLW	Wet, very soft, green to gray, silt-like grains, chemical-like odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30180

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny.

Northing: 1120815.12

Easting: 921272.41

Mud Line: 334.4 Ft

Surface Water Depth: 28.1 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.20

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1249-17	0.0	SOLW	Wet, very soft, green, silt-like grains, trace sand-like grains, chemical-like odor.	Vibracore	Solvay
		OL-1249-18	0.0	SOLW	Wet, very soft, green, silt-like grains, trace sand-like grains, chemical-like odor.	Vibracore	
		OL-1249-19	0.0	ML	Wet, soft, black, SILT, trace clay, chemical-like odor.	Vibracore	Silt
		OL-1249-20	0.0	ML	Wet, medium stiff, brown, SILT and Clay, slight chemical-like odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40287

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds



Northing: 1126028.20

Easting: 914473.14

Mud Line: 361.6 Ft

Surface Water Depth: 0.9 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 11.50

Core Recovery Depth: 9.50

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1262-17	0.0	SW	Wet, loose, gray, fine to medium SAND, little silt, trace fine subangular gravel, shells, zebra mussels, little organics, organic and sulfur odors.	Vibracore	Sand
		OL-1262-18	0.0	ML	Wet, soft, light gray, SILT, trace fine sand, little shells, little organics, sulfur odor, zebra mussels.	Vibracore	Marl
		OL-1262-19	0.0	ML	Wet, soft, light gray, SILT, trace fine sand, little shells, little organics, sulfur odor, zebra mussels.	Vibracore	
		OL-1262-20	0.0	ML	Wet, soft, light gray, SILT, trace fine sand, little shells, little organics, sulfur odor, little oncolites, zebra mussels.	Vibracore	
		OL-1263-01	0.0	ML	Wet, soft, gray, SILT, some fine to medium sand, little oncolites, little shells, trace organics, sulfur odor.	Vibracore	
		OL-1263-02	0.0	ML	Wet, soft, gray, SILT, some fine to medium sand, little oncolites, little shells, trace organics, sulfur odor.	Vibracore	
		OL-1263-03	0.0	ML	Wet, soft, gray, SILT, some fine to medium sand, little oncolites, little shells, trace organics, sulfur odor.	Vibracore	
		OL-1263-04	0.0	ML	Wet, soft, gray, SILT, trace fine sand, little shells, trace organics, sulfur odor.	Vibracore	
		OL-1263-06	0.0	ML	Wet, soft, gray, SILT, little fine sand, little shells, trace oncolites, sulfur odor.	Vibracore	
							Marl
		OL-1263-07	0.0	ML	Wet, soft, gray, SILT, some fine sand concretions, little shells, sulfur odor.	Vibracore	

5

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40287

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1126028.20

Easting: 914473.14

Mud Line: 361.6 Ft

Surface Water Depth: 0.9 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 11.50

Core Recovery Depth: 9.50

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1263-08	0.0	ML	Wet, soft, gray, SILT, sulfur odor.	Vibracore	Marl
		OL-1263-09	0.0	ML	Wet, soft, gray, SILT, sulfur odor.	Vibracore	
		OL-1263-10	0.0	ML	Wet, soft, gray, SILT, sulfur odor.	Vibracore	
		OL-1263-11	0.0	ML	Wet, soft, gray, SILT, sulfur odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40288

Date: 06/04/2010

Weather: Low 80s ,winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1125970.05

Easting: 914544.74

Mud Line: 361.4 Ft

Surface Water Depth: 1.1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 11.50

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1260-01	0.0	ML	Wet, soft, gray, SILT, little fine sand, trace shells, trace organics, sulfur odor.	Vibracore	Marl
		OL-1260-02	0.0	ML	Wet, soft, gray, SILT, little fine sand, trace shells, trace organics, trace oncolites, sulfur odor.	Vibracore	
		OL-1260-03	0.0	ML	Wet, soft, gray, SILT, some fine sand, little oncolites, trace shells, sulfur odor.	Vibracore	
		OL-1260-04	0.0	ML	Wet, soft, gray, SILT, some fine sand, little oncolites, trace shells, sulfur odor.	Vibracore	
		OL-1260-05	0.0	ML	Wet, soft, gray, SILT, some fine sand, little oncolites, trace shells, sulfur odor.	Vibracore	
		OL-1260-06	0.0	ML	Wet, soft, gray, SILT, some fine sand, little oncolites, trace shells, sulfur odor.	Vibracore	
		OL-1260-07	0.0	ML	Wet, soft, gray, SILT, some fine sand, little oncolites, trace shells, sulfur odor.	Vibracore	
		OL-1260-08	0.0	ML	Wet, soft, gray, SILT, trace fine sand, little shells, trace organics, slight sulfur odor.	Vibracore	
		OL-1260-10	0.0	ML	Wet, soft, gray, SILT, trace fine sand, little shells, trace organics, slight sulfur odor.	Vibracore	
		OL-1260-11	0.0	ML	Wet, soft, gray, SILT, trace fine sand, little shells, trace organics, slight sulfur odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40288

Date: 06/04/2010

Weather: Low 80s ,winds NW 0-10mph, mix sun & clouds

Northing: 1125970.05

Easting: 914544.74

Mud Line: 361.4 Ft

Surface Water Depth: 1.1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 11.50

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1260-12	0.0	ML	Wet, soft, gray, SILT, little fine sand, little shells, trace organics, slight sulfur odor, marl.	Vibracore	Marl
		OL-1260-13	0.0	ML	Wet, soft, gray, SILT, little fine sand, little shells, trace organics, slight sulfur odor, marl.	Vibracore	
		OL-1260-14	0.0	ML	Wet, soft, gray, SILT, little fine sand, little shells, trace organics, slight sulfur odor, marl.	Vibracore	
		OL-1260-15	0.0	ML	Wet, soft, gray, SILT, trace fine sand, little shells, trace organics, slight sulfur odor, marl.	Vibracore	
9.5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40289

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Northing: 1125921.45
 Easting: 914566.37
 Mud Line: 361.4 Ft
 Surface Water Depth: 1.1 Ft

Driller: Atlantic Testing
 Logging Company: PARSONS
 Geologist: M. VETTER
 Penetration Depth: 11.50 Core Recovery Depth: 9.30

Water Elev: 362.5 Ft
 Attempts: 2
 Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1262-02	0.0	Fill	Wet, loose, dark gray, fine to coarse SAND, little fine subangular gravel, trace organics, trace shells. organic odor (slag).	Vibracore	Fill
		OL-1262-03	0.0	SW	Wet, loose, dark gray, fine to coarse SAND, little fine subangular gravel, trace organics, trace shells. organic odor, zebra mussels.	Vibracore	Sand
		OL-1262-04	0.0	SM	Wet, loose, dark gray fine to medium SAND, some silt, little organics, little shells, organic odor, sulfur odor, transmarl.	Vibracore	
		OL-1262-05	0.0	ML	Wet, soft, gray, gray-brown, SILT, some fine sand, little shells, sulfur odor, glass piece.	Vibracore	Marl
		OL-1262-06	0.1	ML	Wet, soft, gray, SILT, trace fine sand and little shells, trace organics, sulfur odor.	Vibracore	
		OL-1262-07	0.0	ML	Wet, soft, gray, SILT, trace fine sand and little shells, trace organics, sulfur odor.	Vibracore	
		OL-1262-08	0.0	ML	Wet, soft, gray, SILT, trace fine sand, little shells, and organics, sulfur odor.	Vibracore	
		OL-1262-09	0.0	SM	Wet, loose, gray, fine to medium SAND, some silt, some oncolites, little shells, sulfur odor.	Vibracore	
		OL-1262-11	0.0	ML	Wet, soft, gray, SILT, trace fine sand, little shells, trace organics, sulfur odor.	Vibracore	
		OL-1262-12	0.0	ML	Wet, soft, gray, SILT, trace fine sand, little shells, trace organics, sulfur odor.	Vibracore	
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40289

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1125921.45

Easting: 914566.37

Mud Line: 361.4 Ft

Surface Water Depth: 1.1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 11.50

Core Recovery Depth: 9.30

Water Elev: 362.5 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1262-13	0.0	ML	Wet, soft, gray, SILT, trace fine sand, little shells, trace organics, sulfur odor.	Vibracore	Marl
		OL-1262-14	0.0	ML	Wet, soft, gray, SILT, little fine sand, trace oncolites, trace shells, sulfur odor.	Vibracore	
		OL-1262-15	0.0	ML	Wet, soft, gray, SILT, trace fine sand, trace shells, sulfur odor.	Vibracore	
9.3		OL-1262-16		ML	No sample	Vibracore	

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40289A

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1125921.45

Easting: 914566.37

Mud Line: 361.4 Ft

Surface Water Depth: 1.1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 11.50

Core Recovery Depth: 6.60

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1260-16	0.0	ML	Wet, soft, gray-brown, SILT, trace fine sand, trace shells, trace organics, sulfur odor.	Vibracore	Marl
		OL-1260-17	0.0	ML	Wet, soft, gray-brown, SILT, trace fine sand, trace shells, trace organics, trace oncolites, sulfur odor.	Vibracore	
		OL-1260-18	0.0	ML	Wet, soft, gray-brown, SILT, little fine sand, trace shells, trace organics, trace oncolites, sulfur odor.	Vibracore	
		OL-1260-19	0.0	ML	Wet, soft, gray-brown, SILT, some fine sand, trace shells, trace organics, little oncolites, sulfur odor.	Vibracore	
		OL-1260-20	0.0	ML	Wet, soft, gray-brown, SILT, some fine sand, trace shells, trace organics, sulfur odor.	Vibracore	
		OL-1261-01	0.0	ML	Wet, soft, gray-brown, SILT, some fine sand, trace shells, trace organics, sulfur odor.	Vibracore	
		OL-1261-02	0.0	ML	Wet, soft, gray-brown, SILT, some fine sand, little oncolites, trace shells, trace organics, sulfur odor.	Vibracore	
		OL-1261-03	0.0	ML	Wet, soft, gray-brown, SILT, trace fine sand, little shells, trace organics, sulfur odor.	Vibracore	
		OL-1261-05	0.0	ML	Wet, soft, gray-brown, SILT, trace fine sand, little shells, trace organics, sulfur odor.	Vibracore	
		OL-1261-06	0.0	ML	Wet, soft, gray-brown, SILT, trace fine sand, little shells, trace organics, sulfur odor.	Vibracore	
5		OL-1261-07	0.0	ML	Wet, soft, gray-brown, SILT, trace fine sand, little shells, trace organics, sulfur odor.	Vibracore	
5.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40290

Date: 06/08/2010

Weather: Low 70s, winds W-NW 10-20mph, showers



Northing: 1125890.20

Easting: 914667.18

Mud Line: 343.2 Ft

Surface Water Depth: 20 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 10.00

Core Recovery Depth: 10.00

Water Elev: 363.2 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1270-16	0.4	ML	Wet, soft, light gray, SILT, some fine to coarse sand and fine to coarse gravel, trace shells, sulfur odor.	Vibracore	Silt
		OL-1270-17	0.5	ML	Wet, soft, light brown, SILT, some fine to coarse sand, trace fine to coarse gravel, trace shells, sulfur odor.	Vibracore	
		OL-1270-18	1.0	ML	Wet, soft, light brown, SILT, some fine to coarse sand, trace shells, sulfur odor.	Vibracore	
		OL-1270-19	3.3	ML	Wet, soft, light brown, SILT, little fine sand, trace shells, sulfur like odor.	Vibracore	
		OL-1270-20	0.7	ML	Wet, soft, light brown, SILT, fine to coarse sand, little fine to coarse gravel, trace organic material, little shells, sulfur odor.	Vibracore	Marl
		OL-1271-01	0.5	ML	Wet, soft, light brown, SILT, fine to coarse sand, little fine to coarse gravel, trace organic material, little shells, sulfur odor.	Vibracore	
		OL-1271-02	0.7	ML	Wet, soft, light brown, SILT, some fine to coarse sand, little shells, sulfur odor.	Vibracore	
		OL-1271-03	2.1	ML	Wet, soft, light brown, SILT, some fine to coarse sand, little shells, sulfur odor.	Vibracore	
		OL-1271-05	2.5	ML	Wet, soft, light brown, SILT, some fine to coarse sand, little shells, sulfur odor.	Vibracore	
		OL-1271-06	0.8	ML	Wet, soft, light brown, SILT, some fine to coarse sand, little shells, sulfur odor.	Vibracore	

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BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40290

Date: 06/08/2010

Weather: Low 70s, winds W-NW 10-20mph, showers

Northing: 1125890.20

Easting: 914667.18

Mud Line: 343.2 Ft

Surface Water Depth: 20 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 10.00

Core Recovery Depth: 10.00

Water Elev: 363.2 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1271-07	4.9	ML	Wet, soft, light brown, SILT, some fine to coarse sand, little shells, sulfur odor.	Vibracore	Marl
		OL-1271-09	1.1	ML	Wet, soft, light brown, SILT, some fine to coarse sand, little shells, sulfur odor.	Vibracore	
		OL-1271-08	1.1	ML	Wet, soft, light brown, SILT, some fine to coarse sand, little shells, sulfur odor.	Vibracore	
		OL-1271-10	7.1	ML	Wet, soft, light brown, SILT, some fine to coarse sand, little shells, sulfur odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40291

Date: 06/08/2010

Weather: Low 70s, winds W-NW 10-20mph, showers



Northing: 1125901.01

Easting: 914752.71

Mud Line: 347.2 Ft

Surface Water Depth: 16 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 11.00

Core Recovery Depth: 7.50

Water Elev: 363.2 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1271-11	0.1	ML	Wet, soft, dark gray, SILT.	Vibracore	Silt
		OL-1271-12	0.5	ML	Wet, soft, dark gray, SILT, trace organic material.	Vibracore	
		OL-1271-13	0.5	ML	Wet, soft, dark gray, SILT, little fine sand, trace cemented chunks, slight petroleum odor.	Vibracore	
		OL-1271-14	0.5	ML	Wet, soft, light gray, SILT and fine to coarse sand, some cemented chunks, slight sulfur odor.	Vibracore	
		OL-1271-15	0.5	ML	Wet, soft, light gray, SILT, some fine to coarse sand, trace cemented chunks, sulfur odor.	Vibracore	
		OL-1271-16	0.5	ML	Wet, soft, light gray, SILT, some fine to coarse sand, sulfur odor.	Vibracore	
		OL-1271-17	0.5	ML	Wet, soft, light gray, SILT, some fine to coarse sand, trace shells, sulfur odor.	Vibracore	
5		OL-1271-18	0.8	ML	Wet, soft, light gray, SILT, some fine to coarse sand, little shells, sulfur odor.	Vibracore	Marl
		OL-1271-19	0.8	ML	Wet, soft, light brown, SILT and fine to coarse sand, trace shells, sulfur like odor.	Vibracore	
		OL-1271-20	1.3	ML	Wet, soft, light brown, SILT and fine to coarse sand, trace shells, sulfur like odor, little cemented chunks.	Vibracore	
		OL-1272-01	1.6	ML	Wet, soft, light brown, SILT and fine to coarse sand, trace shells, sulfur like odor.	Vibracore	
6.5		OL-1272-02	0.9	ML	Wet, soft, light brown, SILT and fine to coarse sand, trace shells, sulfur like odor.	Vibracore	

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40292

Date: 06/08/2010

Weather: Low 70s, winds W-NW 10-20mph, showers.



Northing: 1125987.61

Easting: 915085.39

Mud Line: 353.2 Ft

Surface Water Depth: 10 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 11.00

Core Recovery Depth: 8.50

Water Elev: 363.2 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1272-03	0.6	ML	Wet, stiff, light to dark gray, SILT, some organic material.	Vibracore	Silt
		OL-1272-04	0.7	ML	Wet, stiff, light to dark gray, SILT, some organic material, trace Phragmites.	Vibracore	
		OL-1272-05	0.7	ML	Wet, stiff, light to dark gray, SILT, some organic material.	Vibracore	
		OL-1272-06	0.6	ML	Wet, stiff, light to dark gray, SILT, some organic material, trace Phragmites.	Vibracore	
		OL-1272-07	1.0	ML	Wet, stiff, light to dark gray, SILT, some organic material, trace Phragmites.	Vibracore	
		OL-1272-08	0.7	ML	Wet, stiff, light to dark gray, SILT, some organic material, trace Phragmites.	Vibracore	
		OL-1272-09	0.7	ML	Wet, soft, dark gray, SILT, trace organic material.	Vibracore	
		OL-1272-10	0.7	ML	Wet, soft, dark gray, SILT, trace organic material.	Vibracore	
		OL-1272-12	0.7	ML	Wet, soft, dark gray, SILT, trace organic material.	Vibracore	
		OL-1272-13	0.3	ML	Wet, soft, dark gray, SILT, trace organic material, trace phragmites.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40292

Date: 06/08/2010

Weather: Low 70s, winds W-NW 10-20mph, showers.

Northing: 1125987.61

Easting: 915085.39

Mud Line: 353.2 Ft

Surface Water Depth: 10 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 11.00

Core Recovery Depth: 8.50

Water Elev: 363.2 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1272-14	0.8	ML	Wet, soft, dark gray, SILT.	Vibracore	Silt
		OL-1272-15	0.1	ML	Wet, soft, dark gray, SILT.	Vibracore	
		OL-1272-16	0.1	ML	Wet, soft, dark gray, SILT.	Vibracore	
8.0							

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40293

Date: 06/08/2010

Weather: Low 70s, winds W-NW 10-20mph, showers.

Honeywell

Northing: 1125940.14

Easting: 915095.28

Mud Line: 339.2 Ft

Surface Water Depth: 24 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 11.00

Core Recovery Depth: 7.60

Water Elev: 363.2 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1273-01	0.9	ML	Wet, medium stiff, dark gray, SILT, trace fine sand.	Vibracore	Silt
		OL-1273-02	0.6	ML	Wet, medium stiff, dark gray, SILT, trace fine sand, trace organic material.	Vibracore	
		OL-1273-03	0.7	ML	Wet, medium stiff, dark gray, SILT, trace fine sand.	Vibracore	
		OL-1273-04	0.6	ML	Wet, medium stiff, dark gray, SILT.	Vibracore	
		OL-1273-05	1.0	ML	Wet, very soft, dark gray, SILT.	Vibracore	
		OL-1273-06	0.7	ML	Wet, very soft, gray, SILT.	Vibracore	
		OL-1273-07	0.7	ML	Wet, very soft, gray, SILT.	Vibracore	
		OL-1273-08	0.9	ML	Wet, very soft, gray, SILT, trace fine sand.	Vibracore	
		OL-1273-10	0.9	ML	Wet, very soft, gray, SILT.	Vibracore	
		OL-1273-11	0.7	ML	Wet, very soft, gray, SILT, trace fine sand.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40293

Date: 06/08/2010

Weather: Low 70s, winds W-NW 10-20mph, showers.

Northing: 1125940.14

Easting: 915095.28

Mud Line: 339.2 Ft

Surface Water Depth: 24 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 11.00

Core Recovery Depth: 7.60

Water Elev: 363.2 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1273-12	0.7	ML	Wet, very soft, gray, SILT, some fine sand.	Vibracore	Silt
		OL-1273-13	0.0	ML	Wet, very soft, gray, SILT, some fine sand.	Vibracore	
7.6							

BORING LOG

Page 1 of 1

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40294

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers



Northing: 1126048.66

Easting: 915333.50

Mud Line: 359.5 Ft

Surface Water Depth: 3 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 12.00

Core Recovery Depth: 7.60

Water Elev: 362.5 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1238-16	0.0	ML	Wet, soft, dark gray, SILT, trace organic material.	Vibracore	Silt
		OL-1238-17	0.0	ML	Wet, soft, dark gray, SILT, trace organic material.	Vibracore	
		OL-1238-18	0.1	ML	Wet, soft, dark gray, SILT, little fine sand, trace organic material.	Vibracore	
		OL-1238-19	0.1	ML	Wet, soft, dark gray, SILT, trace organic material.	Vibracore	
		OL-1238-20	0.2	ML	Wet, soft, dark gray, SILT, trace fine sand.	Vibracore	
		OL-1239-03	0.0	ML	Wet, soft, dark gray, SILT, trace clay.	Vibracore	
		OL-1239-04	0.0	ML	Wet, soft, dark gray, SILT, trace clay.	Vibracore	
		OL-1239-01	0.0	ML	Wet, medium stiff, dark gray, SILT, trace clay.	Vibracore	
		OL-1239-05	0.1	ML	Wet, soft, dark gray, SILT, trace clay.	Vibracore	
		OL-1239-06	0.0	ML	Wet, soft, dark gray, SILT, little clay.	Vibracore	
5		OL-1239-07	0.0	ML	Wet, soft, dark gray, SILT, little clay.	Vibracore	
		OL-1239-08	0.0	ML	Wet, soft, dark gray, SILT, little clay.	Vibracore	
6.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40295

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1126247.49

Easting: 915578.43

Mud Line: 359.3 Ft

Surface Water Depth: 3.2 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.10

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1255-13	0.0	ML	Wet, soft, black, SILT, trace fine sand, trace organic material.	Vibracore	Silt
		OL-1255-14	0.0	ML	Wet, soft, black, SILT, little fine sand, trace organic material.	Vibracore	
		OL-1255-15	0.0	ML	Wet, soft, black, SILT, little fine sand, trace organic material.	Vibracore	
		OL-1255-16	0.0	ML	Wet, soft, black, SILT, some fine sand.	Vibracore	
		OL-1255-17	0.0	ML	Wet, medium stiff, dark gray, SILT.	Vibracore	
		OL-1255-18	0.0	ML	Wet, medium stiff, dark gray, SILT.	Vibracore	
		OL-1255-19	0.0	ML	Wet, medium stiff, dark gray, SILT, trace clay.	Vibracore	
		OL-1255-20	0.0	ML	Wet, medium stiff, dark gray, SILT, little clay.	Vibracore	
		OL-1256-01	0.0	ML	Wet, medium stiff, gray, SILT, some clay.	Vibracore	Silt
		OL-1256-03	0.0	ML	Wet, medium stiff, light gray, SILT, some clay.	Vibracore	
5							

BORING LOG

Page 2 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40295

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds



Northing: 1126247.49
 Easting: 915578.43
 Mud Line: 359.3 Ft
 Surface Water Depth: 3.2 Ft

Driller: Anchor QEA
 Logging Company: PARSONS
 Geologist: A. MENGES
 Penetration Depth: 12.00 Core Recovery Depth: 11.10

Water Elev: 362.5 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1256-04	0.0	ML	Wet, medium stiff, light gray, SILT, some clay.	Vibracore	Silt
		OL-1256-05	0.0	ML	Wet, medium stiff, dark gray, SILT, some clay.	Vibracore	
		OL-1256-06	0.0	ML	Wet, stiff, dark gray, SILT, some clay, slight petroleum-like odor.	Vibracore	
		OL-1256-07	0.0	ML	Wet, stiff, light gray, SILT, some clay, slight petroleum-like odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40296

Date: 06/02/2010

Weather: Mid 80s, winds SW10-20mph, sunny



Northing: 1126454.99

Easting: 915595.32

Mud Line: 355.6 Ft

Surface Water Depth: 7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 12.00

Core Recovery Depth: 11.30

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1243-02	0.0	ML	Wet, very soft, black, SILT, some organic material.	Vibracore	Silt
		OL-1243-03	0.0	ML	Wet, very soft, black, SILT, some organic material.	Vibracore	
		OL-1243-04	0.0	ML	Wet, very soft, black, SILT, some organic material.	Vibracore	
		OL-1243-05	0.0	ML	Wet, soft, black, SILT, trace organic material.	Vibracore	
		OL-1243-06	0.0	ML	Wet, soft, black, SILT.	Vibracore	
		OL-1243-07	0.0	ML	Wet, soft, black, SILT.	Vibracore	
		OL-1243-08	0.0	ML	Wet, soft, gray, SILT.	Vibracore	
		OL-1243-09	0.1	ML	Wet, soft, gray, SILT.	Vibracore	
		OL-1243-11	0.0	ML	Wet, soft, gray, SILT, trace clay.	Vibracore	
		OL-1243-12	0.0	ML	Wet, soft, light gray, SILT, trace clay.	Vibracore	
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40296

Date: 06/02/2010

Weather: Mid 80s, winds SW10-20mph, sunny



Northing: 1126454.99

Easting: 915595.32

Mud Line: 355.6 Ft

Surface Water Depth: 7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 12.00

Core Recovery Depth: 11.30

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1243-13	0.0	ML	Wet, soft, light gray, SILT, little clay.	Vibracore	Silt
		OL-1243-14	0.0	ML	Wet, soft, light brown, SILT, little clay, slight petroleum-like odor.	Vibracore	
		OL-1243-15	0.0	ML	Wet, soft, light gray, SILT, some clay, slight petroleum-like odor.	Vibracore	
		OL-1243-16	0.0	ML	Wet, soft, light gray, SILT, some clay, slight petroleum-like odor.	Vibracore	
9.5							

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40296A

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1126461.15

Easting: 915601.15

Mud Line: 355.5 Ft

Surface Water Depth: 7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.20

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1257-02	0.0	ML	Wet, soft, black, SILT, little fine sand, little organic material.	Vibracore	Silt
		OL-1257-03	0.0	ML	Wet, soft, black, SILT, little fine sand, little organic material.	Vibracore	
		OL-1257-04	0.0	ML	Wet, soft, black, SILT, little fine sand, little organic material.	Vibracore	
		OL-1257-05	0.0	ML	Wet, very soft, dark gray, SILT, trace fine sand, trace organic material.	Vibracore	
		OL-1257-06	0.0	ML	Wet, soft, black, SILT, little fine sand, little organic material.	Vibracore	
		OL-1257-07	0.0	ML	Wet, very soft, dark gray, SILT, trace fine sand, trace organic material, trace clay.	Vibracore	
		OL-1257-08	0.0	ML	Wet, very soft, dark gray, SILT, trace fine sand, trace organic material, trace clay.	Vibracore	
		OL-1257-09	0.0	ML	Wet, very soft, gray, SILT, trace fine sand, trace organic material, trace clay.	Vibracore	
		OL-1257-11	0.0	ML	Wet, very soft, gray, SILT, some clay, trace fine sand, trace organic material.	Vibracore	
		OL-1257-12	0.0	ML/CL	Wet, very soft, gray, SILT and Clay, some clay, trace fine sand, trace organic material.	Vibracore	
							Silt and Clay
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40296A

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Northing: 1126461.15

Easting: 915601.15

Mud Line: 355.5 Ft

Surface Water Depth: 7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.20

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1257-13	0.0	ML/CL	Wet, very soft, gray, SILT and Clay, trace fine sand, trace organic material.	Vibracore	Silt and Clay
		OL-1257-14	0.0	ML/CL	Wet, very soft, light brown, SILT and Clay, trace fine sand, trace organic material.	Vibracore	
		OL-1257-15	0.0	ML/CL	Wet, very soft, light brown, SILT and Clay, trace fine sand, trace organic material.	Vibracore	
		OL-1257-16	0.0	ML/CL	Wet, very soft, light brown, SILT and Clay, trace fine sand, trace organic material.	Vibracore	
9.5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40297

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, mix sun & clouds

Northing: 1126624.64

Easting: 915380.42

Mud Line: 353.1 Ft

Surface Water Depth: 9.5 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 12.00

Core Recovery Depth: 10.40

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1240-18	0.1	GM	Wet, very loose, dark gray, fine to coarse GRAVEL, some silt, some fine sand, trace organic material.	Vibracore	Gravel
		OL-1240-19	0.0	ML	Wet, very soft, gray, SILT, some medium to fine gravel, trace fine to coarse sand.	Vibracore	Silt
		OL-1240-20	0.0	ML	Wet, soft, gray, SILT, trace medium to fine gravel.	Vibracore	
		OL-1241-01	0.0	ML	Wet, soft, gray, SILT.	Vibracore	
		OL-1241-02	0.1	ML	Wet, soft, light gray, SILT, trace organic material.	Vibracore	
		OL-1241-03	0.3	ML	Wet, soft, dark gray, SILT, trace organic material.	Vibracore	
		OL-1241-04	0.2	ML	Wet, soft, dark gray, SILT, trace organic material.	Vibracore	
		OL-1241-05	0.0	SM	Wet, very loose, dark gray, fine to coarse SAND, some silt, trace fine gravel.	Vibracore	Sand
		OL-1241-07	0.0	ML	Wet, soft, light to dark gray, SILT, trace organic material.	Vibracore	Silt
		OL-1241-08	0.2	SM	Wet, very loose, dark gray, fine to coarse SAND, some silt and fine gravel.	Vibracore	Sand

5

Honeywell

Weather: Mid 80s, winds SW 10-20mph, mix sun & clouds

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1241-09	0.0	ML	Wet, soft, dark gray, SILT, little fine sand.	Vibracore	Silt
		OL-1241-10	0.0	ML	Wet, soft, dark gray, SILT, little fine sand, trace clay.	Vibracore	
			0.1				
		OL-1241-11		ML	Wet, soft, dark gray, SILT, little fine sand, trace clay.	Vibracore	
		OL-1241-12		ML	Wet, soft, dark gray, SILT, little fine sand, trace clay.	Vibracore	

9.5

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40297A

Date: 06/02/2010

Weather: Mids 80s, winds NW 0-10mph, mix sun & clouds

Northing: 1126631.93

Easting: 915373.25

Mud Line: 353.1 Ft

Surface Water Depth: 9.5 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 12.00

Core Recovery Depth: 9.50

Water Elev: 362.6 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1241-13	0.1	GP	Wet, very loose, dark brown, fine to coarse GRAVEL, some fine to coarse sand, little organic material.	Vibracore	Gravel
		OL-1241-14	0.1	ML	Wet, very soft, dark gray, SILT, trace medium to fine gravel, trace fine to coarse sand, trace organic material.	Vibracore	Silt
		OL-1241-15	0.1	ML	Wet, soft, dark gray, SILT, trace fine gravel.	Vibracore	
		OL-1241-16	0.1	ML	Wet, very soft, gray, SILT.	Vibracore	
		OL-1241-17	0.1	ML	Wet, very soft, gray, SILT.	Vibracore	
		OL-1241-18	0.1	ML	Wet, very soft, gray, SILT.	Vibracore	
		OL-1241-19	0.1	ML	Wet, very soft, gray, SILT.	Vibracore	
		OL-1241-20	0.1	ML	Wet, very soft, gray, SILT.	Vibracore	Sand
		OL-1242-01	0.0	SM	Wet, very loose, dark brown, fine to coarse SAND, little silt, trace medium to fine gravel.	Vibracore	Sand
		OL-1242-02	0.0	ML	Wet, soft, dark gray, SILT, little fine sand, trace fine gravel.	Vibracore	Silt
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40297A

Date: 06/02/2010

Weather: Mids 80s, winds NW 0-10mph, mix sun & clouds



Northings: 1126631.93

Easting: 915373.25

Mud Line: 353.1 Ft

Surface Water Depth: 9.5 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 12.00

Core Recovery Depth: 9.50

Water Elev: 362.6 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5 <							

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40298

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1126036.61

Easting: 916130.62

Mud Line: 357.8 Ft

Surface Water Depth: 4.7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.50

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1258-12	0.0	ML/SW	Wet, soft, black, SILT and fine to coarse SAND, trace shells.	Vibracore	Marl
		OL-1258-13	0.0	ML/SW	Wet, soft, light brown, SILT and fine to coarse SAND, trace medium to fine gravel, trace shells, slight sulfur-like odor.	Vibracore	
		OL-1258-14	0.0	ML/SW	Wet, soft, light brown, SILT and fine to coarse SAND, trace medium to fine gravel, trace shells, slight sulfur-like odor.	Vibracore	
		OL-1258-15	0.0	ML/SW	Wet, soft, light brown, SILT and fine to coarse SAND, trace medium to fine gravel, trace shells, slight sulfur-like odor.	Vibracore	
		OL-1258-16	0.0	ML/SW	Wet, soft, medium brown, SILT and fine to coarse SAND, trace medium to fine gravel, trace shells, slight sulfur-like odor.	Vibracore	
		OL-1258-17	0.0	ML/SW	Wet, soft, medium brown, SILT and fine to coarse SAND, trace medium to fine gravel, trace shells, slight sulfur-like odor.	Vibracore	
		OL-1258-18	0.0	SM	Wet, medium dense, light brown, fine to medium SAND and Silt, trace shells, sulfur like odor.	Vibracore	
		OL-1258-19	0.0	ML	Wet, medium stiff, brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1258-20	0.0	ML	Wet, medium stiff, brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1259-01	0.0	ML	Wet, medium stiff, brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40298

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Northing: 1126036.61

Easting: 916130.62

Mud Line: 357.8 Ft

Surface Water Depth: 4.7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.50

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1259-03	0.0	ML	Wet, medium stiff, brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	Marl
		OL-1259-04	0.0	ML	Wet, medium stiff, brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1259-05	0.0	ML	Wet, medium stiff, brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1259-06	0.0	ML	Wet, medium stiff, brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
9.5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40299

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Northing: 1126138.10

Easting: 916192.69

Mud Line: 357.8 Ft

Surface Water Depth: 4.7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 10.50

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1254-03	0.0	ML	Wet, soft, dark brown, SILT, some fine to coarse sand, trace organic material.	Vibracore	Silt
		OL-1254-04	0.0	SM	Wet, medium dense, light brown, medium to fine SAND, some silt, trace shells, slight sulfur odor.	Vibracore	Marl
		OL-1254-05	0.0	SM	Wet, medium dense, light brown, medium to fine SAND, some silt, trace shells, slight sulfur odor.	Vibracore	
		OL-1254-06	0.0	SM	Wet, medium dense, light brown, medium to fine SAND, some silt, trace shells, slight sulfur odor.	Vibracore	
		OL-1254-07	0.0	SM	Wet, medium dense, light brown, medium to fine SAND, some silt, trace shells, slight sulfur odor.	Vibracore	
		OL-1254-08	0.0	SM	Wet, medium dense, light brown, medium to fine SAND, some silt, trace shells, slight sulfur odor.	Vibracore	
		OL-1254-09	0.0	SM	Wet, medium dense, light brown, medium to fine SAND, some silt, trace shells, slight sulfur odor.	Vibracore	
		OL-1254-10	0.0	ML	Wet, soft, light brown, SILT, little fine sand, trace shells, trace organic material, sulfur odor.	Vibracore	
		OL-1254-12	0.0	ML	Wet, soft, medium brown, SILT, trace organic material.	Vibracore	
							Marl
		OL-1254-13	0.0	ML	Wet, soft, medium brown, SILT, trace organic material, trace shells.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40299

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Northing: 1126138.10

Easting: 916192.69

Mud Line: 357.8 Ft

Surface Water Depth: 4.7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 10.50

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1254-14	0.0	ML	Wet, stiff, light brown, SILT, little clay, trace shells.	Vibracore	Marl
		OL-1254-15	0.0	ML	Wet, stiff, light brown, SILT, little clay, trace shells.	Vibracore	
		OL-1254-16	0.0	ML	Wet, stiff, light brown, SILT, little clay, trace shells.	Vibracore	
		OL-1254-17	0.0	ML	Wet, stiff, light brown, SILT, little fine sand, trace clay, trace shells.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40301

Date: 06/07/2010

Weather: High 60s, winds W-NW 10-25mph, sun & clouds

Northing: 1126736.39

Easting: 916167.78

Mud Line: 347.4 Ft

Surface Water Depth: 15.6 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 12.00

Core Recovery Depth: 9.30

Water Elev: 363 Ft

Attempts: 4

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1266-11	0.0	ML	Wet, soft, dark gray, SILT, trace organics, organic odor.	Vibracore	Silt
		OL-1266-12	0.0	ML	Wet, soft, dark gray, SILT, trace organics, organic odor.	Vibracore	
		OL-1266-13	0.0	ML	Wet, soft, dark gray, SILT, trace organics, organic odor.	Vibracore	
		OL-1266-14	0.0	ML	Wet, soft, dark gray, SILT, trace organics, organic odor.	Vibracore	
		OL-1266-15	0.0	ML	Wet, soft, dark gray, SILT.	Vibracore	
		OL-1266-16	0.3	ML	Wet, soft, dark gray, SILT.	Vibracore	
		OL-1266-17	0.2	ML	Wet, soft, dark gray-brown, SILT.	Vibracore	
		OL-1266-18	0.0	ML	Wet, soft, dark gray-brown, SILT.	Vibracore	
		OL-1266-19	0.0	ML	Wet, soft, dark gray-brown, SILT.	Vibracore	Silt
		OL-1266-20	0.0	ML	Wet, soft, dark gray-brown, SILT.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40301

Date: 06/07/2010

Weather: High 60s, winds W-NW 10-25mph, mix sun & cloud

Northing: 1126736.39

Easting: 916167.78

Mud Line: 347.4 Ft

Surface Water Depth: 15.6 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 12.00

Core Recovery Depth: 9.30

Water Elev: 363 Ft

Attempts: 4

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1267-01	0.0	ML	Wet, soft, dark gray, SILT, little fine sand, some organics, little shells, organic odor.	Vibracore	Silt
		OL-1267-03	0.0	ML	Wet, soft, dark gray, SILT, little fine sand, some organics, little shells, organic odor.	Vibracore	
		OL-1267-04	0.0	ML	Wet, soft, dark gray, SILT, little fine sand, some organics, little shells, organic odor.	Vibracore	
9.3		OL-1267-05	0.1	ML	Wet, soft, dark gray, SILT, little fine sand, some organics, trace shells, trace clay, organic odor.	Vibracore	

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40302

Date: 06/07/2010

Weather: High 60s, winds W-NW 10-25mph, sun & clouds

Honeywell

Northing: 1125858.55

Easting: 914835.54

Mud Line: 355.5 Ft

Surface Water Depth: 7.5 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 12.00

Core Recovery Depth: 10.50

Water Elev: 363 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1265-16	0.0	SM	Wet, loose, dark gray, fine to coarse SAND, some silt, trace fine subangular gravel, some shells, little organics, organic odor.	Vibracore	Sand
		OL-1265-18	0.0	SM	Wet, loose, dark gray, fine to coarse SAND, some silt, trace fine subangular gravel, some shells, little organics, organic odor.	Vibracore	
		OL-1265-17	0.0	ML	Wet, soft, gray, SILT, some fine to coarse sand, some shells, trace organics, organic odor.	Vibracore	Silt
		OL-1265-19	0.0	ML	Wet, soft, gray, SILT, some fine to coarse sand, some shells, trace organics, sulfur odor.	Vibracore	
		OL-1265-20	0.1	ML	Wet, soft, dark gray, SILT, little fine to medium sand, trace organics, trace shells, sulfur odor.	Vibracore	
		OL-1266-01	0.9	ML	Wet, soft, dark gray, SILT, little fine to medium sand, trace organics, trace shells, sulfur odor, transmarl.	Vibracore	Marl
		OL-1266-02	0.2	SM	Wet, loose, dark gray, fine to medium SAND, some silt, some shells, little organics.	Vibracore	
		OL-1266-03	0.6	ML	Wet, soft, dark gray, SILT, trace fine sand, trace shells, trace organics, sulfur odor.	Vibracore	
		OL-1266-05	1.5	ML	Wet, soft, light gray, SILT, little fine sand, little shells, trace organics, sulfur odor.	Vibracore	
		OL-1266-06	1.6	ML	Wet, soft, light gray, SILT, little fine sand, little shells, trace organics, sulfur odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40302

Date: 06/07/2010

Weather: High 60s, winds W-NW 10-25mph, sun & clouds

Northing: 1125858.55

Easting: 914835.54

Mud Line: 355.5 Ft

Surface Water Depth: 7.5 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 12.00

Core Recovery Depth: 10.50

Water Elev: 363 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1266-07	1.7	ML	Wet, soft, light gray, SILT, little fine sand, little shells, trace organics, sulfur odor.	Vibracore	Marl
		OL-1266-08	0.6	ML	Wet, soft, light gray, SILT, little fine sand, trace shells, trace organics, sulfur odor.	Vibracore	
		OL-1266-09	3.9	ML	Wet, soft, light gray, SILT, little fine sand, trace shells, trace organics, sulfur odor.	Vibracore	
		OL-1266-10	0.6	ML	Wet, soft, light gray, SILT, little fine sand, trace shells, trace organics, sulfur odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40305

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, sun & clouds

Honeywell

Northing: 1125912.17
 Easting: 915637.32
 Mud Line: 359.9 Ft
 Surface Water Depth: 2.6 Ft

Driller: Anchor QEA
 Logging Company: PARSONS
 Geologist: M. VETTER
 Penetration Depth: 12.00 Core Recovery Depth: 11.40

Water Elev: 362.5 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1265-01	0.0	ML	Wet, soft, black, SILT, little organics, organic odor.	Vibracore	Silt
		OL-1265-02	0.0	ML	Wet, soft, black, SILT, trace fine sand, trace organics.	Vibracore	
		OL-1265-03	0.0	ML	Wet, soft, dark gray, SILT, trace clay, trace organics.	Vibracore	
		OL-1265-04	0.0	ML	Wet, soft, dark gray, SILT, trace clay, trace organics.	Vibracore	
		OL-1265-05	0.0	ML	Wet, soft, gray-brown, SILT, trace organics, organic odor.	Vibracore	
		OL-1265-06	0.0	ML	Wet, soft, gray-brown, SILT, trace organics, organic odor.	Vibracore	
		OL-1265-07	0.0	ML	Wet, soft, gray-brown, SILT, trace clay trace organics, organic odor.	Vibracore	
		OL-1265-08	0.0	SW	Wet, loose, dark gray, fine to medium SAND, some shells, trace organics, organic and some sulfur odor.	Vibracore	Sand
		OL-1265-10	0.1	ML	Wet, soft, gray, SILT, little fine sand, little shells, sulfur odor.	Vibracore	Marl
		OL-1265-11	0.1	ML	Wet, soft, gray, SILT, little fine sand, little shells, sulfur odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40305

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, sun & clouds

Northing: 1125912.17
 Easting: 915637.32
 Mud Line: 359.9 Ft
 Surface Water Depth: 2.6 Ft

Driller: Anchor QEA
 Logging Company: PARSONS
 Geologist: M. VETTER
 Penetration Depth: 12.00 Core Recovery Depth: 11.40

Water Elev: 362.5 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1265-12	0.0	ML	Wet, soft, gray, SILT, little fine sand, little shells, sulfur odor.	Vibracore	Marl
		OL-1265-13	0.0	ML	Wet, soft, gray, SILT, little fine sand, little shells, sulfur odor.	Vibracore	
		OL-1265-14	0.0	ML	Wet, soft, gray, SILT, little fine sand, little shells, sulfur odor.	Vibracore	
		OL-1265-15	0.0	ML	Wet, soft, gray, SILT, little fine sand, little shells, sulfur odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40306

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1126022.02

Easting: 915864.13

Mud Line: 358.2 Ft

Surface Water Depth: 4.3 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 12.00

Core Recovery Depth: 9.90

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1261-08	0.0	ML	Wet, soft, dark gray, SILT, some organics, organic odor.	Vibracore	Silt
		OL-1261-09	0.0	ML	Wet, soft, dark gray, SILT, trace organics, organic odor.	Vibracore	
		OL-1261-10	0.0	ML	Wet, soft, dark gray, SILT, some organics, organic odor.	Vibracore	
		OL-1261-11	0.0	ML	Wet, soft, dark gray, SILT, some organics, organic odor.	Vibracore	
		OL-1261-12	0.0	ML	Wet, soft, dark gray, SILT, trace organics, organic odor.	Vibracore	
		OL-1261-13	0.0	ML	Wet, soft, dark gray, SILT, trace organics, organic odor.	Vibracore	
		OL-1261-14	0.0	ML	Wet, soft, dark gray, SILT, trace organics, organic odor.	Vibracore	
		OL-1261-15	0.0	ML	Wet, soft, dark gray, SILT, trace clay, organic odor.	Vibracore	
		OL-1261-16	0.0	ML	Wet, soft, dark gray, SILT, trace clay, organic odor.	Vibracore	
		OL-1261-17	0.0	ML	Wet, soft, dark gray, SILT, trace clay, organic odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40306

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Northing: 1126022.02

Easting: 915864.13

Mud Line: 358.2 Ft

Surface Water Depth: 4.3 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 12.00

Core Recovery Depth: 9.90

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1261-18	0.0	ML	Wet, soft, dark gray, SILT, trace clay, organic odor.	Vibracore	Silt
		OL-1261-19	0.0	ML	Wet, soft, dark gray, SILT, trace clay, organic odor.	Vibracore	
		OL-1261-20	0.0	ML	Wet, soft, dark gray, SILT, trace clay, organic odor.	Vibracore	
		OL-1262-01	0.0	ML	Wet, soft, dark gray, SILT, trace clay, organic odor.	Vibracore	

9.5

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40307

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1125937.28

Easting: 916001.88

Mud Line: 358.9 Ft

Surface Water Depth: 3.6 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 10.40

Water Elev: 362.5 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1256-08	0.0	ML	Wet, very soft, black, SILT, little medium to fine sand, trace organic material.	Vibracore	Silt
		OL-1256-09	0.0	ML	Wet, very soft, black, SILT, little medium to fine sand, trace organic material.	Vibracore	
		OL-1256-10	0.0	ML	Wet, very soft, black, SILT, little medium to fine sand, trace organic material.	Vibracore	
		OL-1256-11	0.0	ML	Wet, very soft, black, SILT, little medium to fine sand, trace organic material.	Vibracore	
		OL-1256-12	0.0	ML	Wet, very soft, black, SILT, little medium to fine sand, trace organic material, trace fine gravel.	Vibracore	
		OL-1256-13	0.0	SM	Wet, very loose, dark gray, fine to medium SAND and SILT.	Vibracore	
		OL-1256-14	0.0	SM	Wet, very loose, dark gray, fine to medium SAND, some silt, trace shells, slight sulfur like odor.	Vibracore	Marl
		OL-1256-15	0.0	SM	Wet, very loose, light brown, fine to coarse SAND, trace silt, trace shells, sulfur-like odor.	Vibracore	
		OL-1256-16	7.1	SM	Wet, very loose, light brown, fine to coarse SAND, trace silt, trace shells, sulfur-like odor.	Vibracore	
		OL-1256-17	10.5	SM	Wet, very loose, light brown, fine to coarse SAND, trace shells, sulfur-like odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40307

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Northing: 1125937.28

Easting: 916001.88

Mud Line: 358.9 Ft

Surface Water Depth: 3.6 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 10.40

Water Elev: 362.5 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1256-18	1.7	SM	Wet, very loose, light brown, fine to coarse SAND, trace shells, sulfur-like odor.	Vibracore	Marl
		OL-1256-19	5.8	ML	Wet, medium stiff, light brown, SILT and fine SAND, trace shells, sulfur-like odor.	Vibracore	
		OL-1256-20	8.9	ML	Wet, medium stiff, light brown, SILT and fine SAND, little shells, sulfur-like odor.	Vibracore	
		OL-1257-01	6.6	ML	Wet, medium stiff, light brown, SILT and fine SAND, little shells, sulfur-like odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50087

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny

Honeywell

Northing: 1127874.58

Easting: 913571.20

Mud Line: 340.5 Ft

Surface Water Depth: 22.1 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 12.00

Core Recovery Depth: 10.40

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1242-07	0.0	GP	Wet, very loose, dark brown, medium to fine GRAVEL and fine to coarse SAND, trace silt, trace shells.	Vibracore	Gravel and Sand
		OL-1242-08	0.1	GP	Wet, very loose, dark brown, medium to fine GRAVEL and fine to coarse SAND, trace silt, trace shells, sulfur odor.	Vibracore	
		OL-1242-09	0.6	SW	Moist, loose, dark brown, fine to coarse SAND, trace fine gravel, trace silt, trace shells, sulfur odor.	Vibracore	Marl
		OL-1242-10	0.6	SW	Moist, loose, dark brown, fine to coarse SAND, trace fine gravel, trace silt, trace shells, sulfur odor.	Vibracore	
		OL-1242-11	0.6	SW	Moist, loose, dark brown, fine to coarse SAND, trace silt, trace shells, sulfur odor.	Vibracore	
		OL-1242-12	1.3	SW	Moist, loose, dark brown, fine to coarse SAND, trace silt, trace shells, sulfur odor.	Vibracore	
		OL-1242-13	5.0	SM	Moist, loose, dark brown, fine to coarse SAND, trace silt, trace shells, sulfur odor.	Vibracore	
		OL-1242-14	7.3	SW	Moist, loose, dark brown, fine to coarse SAND, trace silt, trace shells, sulfur odor.	Vibracore	
		OL-1242-16	5.6	SW	Moist, loose, dark brown, fine to coarse SAND, trace silt, trace shells, sulfur odor.	Vibracore	
		OL-1242-17	1.0	SW	Moist, loose, dark brown, fine to coarse SAND, trace silt, trace shells, sulfur odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50087

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny

Northing: 1127874.58

Easting: 913571.20

Mud Line: 340.5 Ft

Surface Water Depth: 22.1 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 12.00

Core Recovery Depth: 10.40

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1242-18	1.3	ML/SM	Wet, stiff, brown, SILT and fine SAND, little shells, sulfur odor.	Vibracore	Marl
		OL-1242-19	0.8	ML	Wet, stiff, brown, SILT, some fine Sand, little shells, sulfur odor.	Vibracore	
		OL-1242-20	0.3	ML	Wet, stiff, brown, SILT, some fine Sand, trace clay, little shells, sulfur odor.	Vibracore	
		OL-1243-01	0.1	ML/CL	Wet, stiff, brown, SILT and CLAY, little shells, sulfur odor.	Vibracore	

9.5

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50088

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers



Northing: 1121518.28

Easting: 927093.70

Mud Line: 333.9 Ft

Surface Water Depth: 28.7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.50

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1231-09	0.0	ML	Wet, very soft, black, SILT.	Vibracore	Silt
		OL-1231-10	0.0	ML	Wet, very soft, black, SILT.	Vibracore	
		OL-1231-11	0.0	ML	Wet, very soft, black, SILT.	Vibracore	
		OL-1231-12	0.0	ML	Wet, very soft, black, SILT.	Vibracore	
		OL-1231-13	0.0	ML	Wet, very soft, black, SILT, trace organic material, petroleum-like odor.	Vibracore	
		OL-1231-14	0.0	ML	Wet, very soft, black, SILT, petroleum-like odor.	Vibracore	
		OL-1231-15	0.0	ML	Wet, very soft, black, SILT, petroleum-like odor.	Vibracore	
		OL-1231-16	0.0	ML	Wet, very soft, black, SILT, petroleum-like odor.	Vibracore	
		OL-1231-17	0.0	ML	Wet, very soft, black, SILT, strong petroleum-like odor.	Vibracore	
		OL-1231-18	0.0	ML	Wet, very soft, black, SILT, strong petroleum-like odor.	Vibracore	
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50088

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers



Northing: 1121518.28

Easting: 927093.70

Mud Line: 333.9 Ft

Surface Water Depth: 28.7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.50

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1231-19	0.0	ML	Wet, very soft, black, SILT, strong petroleum-like odor.	Vibracore	Silt
		OL-1231-20	0.0	ML	Wet, soft, black, SILT, strong petroleum-like odor.	Vibracore	
		OL-1232-01	0.0	ML	Wet, soft, dark brown, SILT, some clay.	Vibracore	
		OL-1232-02	0.0	ML	Wet, soft, dark brown, SILT and Clay.	Vibracore	
9.5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50088A

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers

Northing: 1121520.92

Easting: 927092.34

Mud Line: 333.8 Ft

Surface Water Depth: 28.8 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.10

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1232-15	0.0	ML	Wet, very soft, black, SILT.	Vibracore	Silt
		OL-1232-16	0.0	ML	Wet, very soft, black, SILT.	Vibracore	
		OL-1232-17	0.0	ML	Wet, very soft, dark brown, SILT.	Vibracore	
		OL-1232-18	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1232-19	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1232-20	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1233-01	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1233-02	0.0	ML	Wet, very soft, black, SILT, strong petroleum-like odor.	Vibracore	
		OL-1233-04	0.0	ML	Wet, soft, black, SILT, strong petroleum-like odor.	Vibracore	
		OL-1233-05	0.0	ML	Wet, soft, black, SILT, strong petroleum-like odor.	Vibracore	
5		OL-1233-06	0.0	ML	Wet, soft, black, SILT, trace clay, strong petroleum-like odor.	Vibracore	
		OL-1233-07	0.0	ML	Wet, soft, black, SILT, little clay, strong petroleum-like odor.	Vibracore	
		OL-1233-08	0.0	ML	Wet, medium stiff, black, SILT, some clay.	Vibracore	
9.5		OL-1233-09	0.0	ML	Wet, medium stiff, black, SILT, some clay.	Vibracore	

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50089

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers

Northing: 1121370.11

Easting: 927101.25

Mud Line: 331.7 Ft

Surface Water Depth: 30.9 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.40

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1234-01	0.0	ML	Wet, soft, dark gray, SILT, trace sand, fine.	Vibracore	Silt
		OL-1234-02	0.0	ML	Wet, soft, dark gray, SILT, little fine sand, no odor.	Vibracore	
		OL-1234-03	0.0	ML	Wet, soft, dark gray, SILT, little fine sand, no odor.	Vibracore	
		OL-1234-04	0.0	ML	Wet, soft, dark gray, SILT, little fine sand, no odor.	Vibracore	
		OL-1234-05	1.8	ML	Wet, soft, dark gray, SILT, trace fine sand, high plasticity, slight petroleum-like odor.	Vibracore	
		OL-1234-06	0.8	ML	Wet, soft, dark gray, SILT, trace fine sand, high plasticity, slight petroleum-like odor.	Vibracore	
		OL-1234-07	0.0	ML	Wet, soft, dark gray, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
		OL-1234-08	0.0	ML	Wet, soft to very soft, dark gray, SILT, trace fine sand, some organic material, slight petroleum-like odor.	Vibracore	
		OL-1234-10	0.0	ML	Wet, soft to very soft, dark gray, SILT, trace fine sand, some organic material, slight petroleum-like odor.	Vibracore	
		OL-1234-11	0.0	ML	Wet, soft to very soft, dark gray, SILT, trace fine sand, some organic material, strong petroleum-like odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50089

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers

Northing: 1121370.11

Easting: 927101.25

Mud Line: 331.7 Ft

Surface Water Depth: 30.9 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.40

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1234-12	0.0	ML	Wet, very soft, dark gray, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt
		OL-1234-13	0.0	ML	Moist, very soft, dark gray, SILT, little fine sand, some vegetative material, organic material, slight petroleum-like odor.	Vibracore	
		OL-1234-14	0.0	ML	Moist, soft, dark gray, SILT, trace clay, some vegetative material, organic material, slight petroleum-like odor.	Vibracore	
		OL-1234-15	0.0	CL	Moist, stiff, dark gray, CLAY, some silt, trace fine sand, organic odor.	Vibracore	Clay
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60274

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny



Northing: 1116806.63

Easting: 927755.61

Mud Line: 361.9 Ft

Surface Water Depth: 0.6 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 9.70

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1244-01	0.0	GP	Wet, very dense, black, medium to coarse GRAVEL.	Vibracore	Gravel
		OL-1244-02	0.0	GP	Wet, very dense, black, medium to coarse GRAVEL, some coarse sand.	Vibracore	
		OL-1244-03	0.0	SP/GP	Wet, dense, black, coarse SAND and fine to coarse GRAVEL.	Vibracore	Sand
		OL-1244-04	0.0	SP	Wet, medium dense, black, fine to coarse SAND, some medium to fine gravel.	Vibracore	
		OL-1244-05	0.0	SP	Wet, medium dense, black, fine to coarse SAND, some fine to coarse gravel, trace shells.	Vibracore	
		OL-1244-06	0.0	SP	Wet, medium dense, black, fine to coarse SAND, some fine to coarse gravel, trace shells.	Vibracore	
		OL-1244-07	0.0	SP	Wet, medium dense, black, fine to coarse SAND, some fine to coarse gravel, trace wood fragments, trace shells.	Vibracore	
		OL-1244-08	4.1	ML/PT	Wet, soft, dark brown, black, SILT and Peat, some organic material, trace fine sand, trace shells, sulfur odor.	Vibracore	
		OL-1244-10	11.1	ML	Wet, soft, dark brown, SILT and fine Sand, some organic material, trace shells, strong sulfur odor.	Vibracore	
5							
		OL-1244-11	28.1	SM	Wet, very loose, dark brown, fine to coarse SAND, little silt, trace shells, strong sulfur odor.	Vibracore	

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60274

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny

Northing: 1116806.63

Easting: 927755.61

Mud Line: 361.9 Ft

Surface Water Depth: 0.6 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 9.70

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1244-12	12.6	SM	Wet, very loose, dark brown, medium to fine SAND, little silt, trace shells, strong sulfur odor.	Vibracore	Marl
		OL-1244-13	2.6	SM	Wet, very loose, dark brown, medium to fine SAND, little silt, trace shells, strong sulfur odor.	Vibracore	
		OL-1244-14	4.5	SM	Wet, very loose, dark brown, medium to fine SAND, little silt, trace shells, strong sulfur odor.	Vibracore	
		OL-1244-15	2.2	SM	Wet, very loose, dark brown, medium to fine SAND, little silt, trace shells, strong sulfur odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60275

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny



Northing: 1116962.23

Easting: 927834.72

Mud Line: 361.7 Ft

Surface Water Depth: 0.8 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 10.20

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1247-02	0.1	SP/GP	Wet, medium dense, black, fine to coarse SAND and fine to coarse GRAVEL, trace cobbles, trace shells, slight petroleum odor.	Vibracore	Gravel and Sand
		OL-1247-03	0.0	SP/GP	Wet, medium dense, black, fine to coarse SAND and fine to coarse Gravel, trace cobbles, trace wood fragments, trace shells, slight petroleum odor.	Vibracore	
		OL-1247-04	0.0	SP/GP	Wet, medium dense, black, fine to coarse SAND and fine to coarse Gravel, trace cobbles, trace silt, trace shells, slight petroleum odor.	Vibracore	
		OL-1247-05	0.0	SP	Wet, medium dense, black, fine to coarse SAND, some fine to coarse gravel, little silt, trace shells, slight petroleum odor.	Vibracore	Sand
		OL-1247-06	0.0	SP	Wet, medium dense, black, fine to coarse SAND, some fine to coarse gravel, little silt, trace shells, slight petroleum odor.	Vibracore	
		OL-1247-07	0.0	SP	Wet, medium dense, black, fine to coarse SAND, some fine to coarse gravel, little silt, trace shells, slight petroleum odor.	Vibracore	
		OL-1247-08	0.0	ML	Wet, soft, black, SILT, some fine to coarse sand, some medium to fine gravel, trace shells, trace organic material, slight petroleum like odor.	Vibracore	Marl
		OL-1247-09	0.0	ML	Wet, soft, black, SILT, some fine to coarse sand, some medium to fine gravel, trace shells, trace organic material, slight petroleum like odor.	Vibracore	
		OL-1247-11	0.0	ML	Wet, soft, black, SILT, some fine sand, trace wood fragments, trace shells.	Vibracore	
		OL-1247-12	1.0	ML	Wet, soft, medium brown, SILT and fine to coarse Sand, trace shells, trace wood fragments, slight sulfur odor.	Vibracore	
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60275

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny



Northing: 1116962.23

Easting: 927834.72

Mud Line: 361.7 Ft

Surface Water Depth: 0.8 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 10.20

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1247-13	2.6	ML	Wet, soft, light brown, SILT and fine to coarse Sand, trace shells, trace wood fragments, slight sulfur odor.	Vibracore	Marl
		OL-1247-14	7.2	ML	Wet, soft, light brown, SILT and fine to coarse Sand, trace shells, trace wood fragments, slight sulfur odor.	Vibracore	
		OL-1247-15	0.0	SM	Wet, soft, light brown, fine to coarse SAND and Silt, trace shells, trace wood fragments, slight sulfur odor.	Vibracore	
		OL-1247-16	6.7	SM	Wet, soft, light brown, fine to coarse SAND and Silt, trace shells, trace wood fragments, slight sulfur odor.	Vibracore	
9.5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60276

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny

Northing: 1117131.71

Easting: 927936.76

Mud Line: 361.6 Ft

Surface Water Depth: 0.9 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 9.60

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0			0.0	SP	Wet, medium dense, dark brown, fine to coarse SAND, trace fine to coarse gravel, little shells.		Sand
		OL-1250-02	0.0	SP	Wet, medium dense, dark brown, fine to coarse SAND, trace fine to coarse gravel, little shells.	Vibracore	
		OL-1250-03	0.0	SM	Wet, medium dense, fine to coarse SAND, some silt, trace shells.	Vibracore	
		OL-1250-04	0.0	SM	Wet, medium dense, fine to coarse SAND, some silt, trace shells.	Vibracore	
		OL-1250-05	0.0	SM	Wet, medium dense, fine to coarse SAND, some silt, trace shells.	Vibracore	
		OL-1250-06	0.0	SM	Wet, medium dense, fine to coarse SAND, some silt, little medium to fine gravel, trace cobbles, trace shells.	Vibracore	
		OL-1250-07	0.0	ML	Wet, stiff, black, SILT, little fine sand, trace clay.	Vibracore	Silt
		OL-1250-08	0.0	SM	Wet, medium dense, dark brown, fine to coarse SAND, some silt, trace fine to coarse gravel, trace shells, sulfur odor.	Vibracore	Marl
			0.0				
		OL-1250-10	0.0	SM	Wet, loose, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	
		OL-1250-11	0.0	SM	Wet, loose, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	

5

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60276

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny

Northing: 1117131.71

Easting: 927936.76

Mud Line: 361.6 Ft

Surface Water Depth: 0.9 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 9.60

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1250-12	0.0	SM	Wet, loose, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	Marl
			0.0				
		OL-1250-13	40.1	SM	Wet, loose, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	
		OL-1250-14	11.7	SM	Wet, loose, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	
		OL-1250-15	1.6	SM	Wet, loose, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	
9.5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60277

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny

Northing: 1117335.53

Easting: 928095.45

Mud Line: 361.6 Ft

Surface Water Depth: 0.9 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 9.80

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1244-16	0.1	GP	Wet, very dense, black, fine to coarse GRAVEL, some fine to coarse sand, trace cobbles, trace shells, slight petroleum like odor.	Vibracore	Gravel
		OL-1244-17	0.7	GP	Wet, very dense, black, fine to coarse GRAVEL, some fine to coarse sand, trace cobbles, trace shells, slight petroleum like odor.	Vibracore	
		OL-1244-18	0.8	SP	Wet, dense, black, fine to coarse SAND and fine to coarse Gravel, trace shells, trace glass fragments, slight petroleum like odor.	Vibracore	Sand
		OL-1244-19	3.3	SP	Wet, dense, black, fine to coarse SAND and fine to coarse Gravel, trace shells, slight petroleum like odor.	Vibracore	
		OL-1244-20	0.4	OL	Wet, soft, black, SILT, some fine to coarse sand, trace gravel, little organic material, trace shells, slight petroleum like odor.	Vibracore	Silt
		OL-1245-01	1.3	OL	Wet, soft, black, SILT, some fine to coarse sand, trace gravel, little organic material, trace shells, slight petroleum like odor.	Vibracore	
		OL-1245-02	1.4	OL	Wet, soft, black, SILT, little fine to coarse sand, little organic material, trace shells, slight petroleum like odor.	Vibracore	
		OL-1245-03	0.2	OL	Wet, soft, black, SILT, little fine to coarse sand, little organic material, trace shells, slight petroleum like odor.	Vibracore	Silt
		OL-1245-05	0.6	ML	Wet, soft, black, SILT and fine to coarse Sand, little fine to coarse gravel, little organic material, trace shells, slight petroleum like odor.	Vibracore	Marl
		OL-1245-06	0.3	ML	Wet, soft, black, SILT, little fine to coarse sand, little organic material, trace shells, slight sulfur like odor.	Vibracore	Marl
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60277

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny

Northing: 1117335.53

Easting: 928095.45

Mud Line: 361.6 Ft

Surface Water Depth: 0.9 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 9.80

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1245-07	0.1	SM	Wet, medium dense, black, fine to coarse SAND, some fine to coarse gravel, some silt, trace cobbles, trace organic material, trace shells.	Vibracore	Marl
		OL-1245-08	0.5	SM	Wet, loose, light brown, fine SAND, some silt, trace medium to fine gravel, trace shells, sulfur like odor.	Vibracore	
		OL-1245-09	2.1	SM	Wet, loose, light brown, fine SAND, some silt, trace medium to fine gravel, trace shells, sulfur like odor.	Vibracore	
		OL-1245-10	13.1	SM	Wet, loose, light brown, fine SAND, little silt, trace shells, sulfur like odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60278

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny



Northing: 1117482.20

Easting: 928156.86

Mud Line: 360.6 Ft

Surface Water Depth: 1.9 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0			2.9	SP	Wet, loose, black, coarse SAND, some fine gravel, petroleum like odor.		Sand
		OL-1245-12	2.9	SP	Wet, loose, black, coarse SAND, some fine gravel, petroleum like odor.	Vibracore	
		OL-1245-13	1.2	SP	Wet, loose, black, coarse SAND, some fine gravel, petroleum like odor.	Vibracore	
		OL-1245-14	3.3	SP	Wet, loose, black, fine to coarse SAND and fine Gravel, trace organic material, petroleum like odor.	Vibracore	
		OL-1245-15	2.8	SP	Wet, loose, black, GRAVEL, fine to coarse SAND and fine to medium Gravel, trace shells, petroleum like odor.	Vibracore	
		OL-1245-16	1.7	SP	Wet, loose, black, fine to coarse SAND and fine to coarse Gravel, trace cobbles, trace shells, trace glass fragments, petroleum like odor.	Vibracore	
		OL-1245-17	2.2	SP	Wet, loose, black, fine to coarse SAND and fine to coarse GRAVEL, trace cobbles, trace shells, petroleum like odor.	Vibracore	
		OL-1245-18	0.2	SP	Wet, loose, black, fine to coarse SAND and fine to coarse GRAVEL, trace cobbles, trace shells, petroleum like odor.	Vibracore	
			0.6				
		OL-1245-19	0.1	ML	Wet, soft, black, SILT, some fine to coarse sand, trace fine to medium gravel, trace shells, trace organic material, slight petroleum like odor.	Vibracore	Marl
		OL-1245-20	1.1	ML	Wet, soft, light brown, SILT, some fine to coarse sand and some fine to coarse gravel, trace shells, sulfur odor.	Vibracore	
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60278

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny

Honeywell

Northing: 1117482.20

Easting: 928156.86

Mud Line: 360.6 Ft

Surface Water Depth: 1.9 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1246-01	2.0	ML	Wet, soft, light brown, SILT, some fine to coarse sand, trace shells, trace oncolites, sulfur odor.	Vibracore	Marl
			0.6				
		OL-1246-02	1.2	SM	Wet, very loose, light brown, fine SAND and Silt, trace shells, sulfur odor.	Vibracore	
		OL-1246-03	16.2	SM	Wet, very loose, light brown, fine SAND and Silt, trace shells, sulfur odor.	Vibracore	
		OL-1246-04	5.3	SM	Wet, very loose, light brown, fine SAND and Silt, trace shells, sulfur odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60278A

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny



Northing: 1117418.39

Easting: 928155.59

Mud Line: 361.5 Ft

Surface Water Depth: 1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 9.70

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0			3.0	SP	Wet, dense, black, fine to coarse SAND and fine to coarse Gravel, slight petroleum like odor.		Sand
		OL-1246-07	1.8	SP	Wet, dense, black, fine to coarse SAND and fine to coarse Gravel, slight petroleum like odor.	Vibracore	
		OL-1246-08	0.1	SP	Wet, dense, black, fine to coarse SAND and fine to coarse Gravel, slight petroleum like odor.	Vibracore	
		OL-1246-09	0.0	SP	Wet, dense, black, fine to coarse SAND and fine to coarse Gravel, trace cobbles, slight petroleum like odor.	Vibracore	
		OL-1246-10	0.0	SP	Wet, dense, black, fine to coarse SAND, some fine to coarse gravel, little silt, trace cobbles, trace glass fragments, trace shells, slight petroleum like odor.	Vibracore	
		OL-1246-11	0.3	SP	Wet, dense, black, fine to coarse SAND, some fine to coarse gravel, little silt, trace cobbles, trace shells, slight petroleum like odor.	Vibracore	
		OL-1246-12	0.5	SP	Wet, dense, black, fine to coarse SAND, some fine to coarse gravel, little silt, trace cobbles, trace glass fragments, trace shells, slight petroleum like odor.	Vibracore	
		OL-1246-13	0.3	ML	Wet, soft, black, SILT and fine to coarse Sand, trace medium to fine gravel, little shells, trace wood fragments.	Vibracore	Marl
			0.0				
		OL-1246-15	4.1	ML	Wet, soft, light brown, SILT and fine Sand, trace shells, sulfur odor.	Vibracore	
		OL-1246-16	25.9	ML	Wet, soft, light brown, SILT and fine Sand, trace shells, sulfur odor.	Vibracore	Marl

5

Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60278A

Date: 06/02/2010

Weather: Mid 80s, winds SW 10-20mph, sunny

Northing: 1117418.39

Easting: 928155.59

Mud Line: 361.5 Ft

Surface Water Depth: 1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 9.70

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1246-17	4.2	ML	Wet, soft, light brown, SILT and fine Sand, trace shells, sulfur odor.	Vibracore	Marl
			0.0				
		OL-1246-18	2.7	ML	Wet, soft, light brown, SILT and fine Sand, trace shells, sulfur odor.	Vibracore	
		OL-1246-19	3.6	ML	Wet, soft, light brown, SILT and fine Sand, trace shells, sulfur odor.	Vibracore	
		OL-1246-20	5.4	ML	Wet, soft, light brown, SILT and fine Sand, trace shells, sulfur odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60279

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds



Northing: 1117694.36

Easting: 928270.02

Mud Line: 361.1 Ft

Surface Water Depth: 1.4 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 9.70

Water Elev: 362.5 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1252-01	0.0	SP	Moist, very dense, black, fine to coarse SAND, some fine to coarse gravel, trace cobbles, petroleum like odor.	Vibracore	Sand
		OL-1252-02	0.0	SP	Moist, very dense, black, fine to coarse SAND, some fine to coarse gravel, trace cobbles, petroleum like odor.	Vibracore	
		OL-1252-03	0.0	GP	Wet, very dense, black, fine to coarse GRAVEL, some fine to coarse sand, trace cobbles, petroleum like odor.	Vibracore	Gravel
		OL-1252-04	0.0	GP	Wet, very dense, black, fine to coarse GRAVEL, some fine to coarse sand, petroleum like odor.	Vibracore	
		OL-1252-05	0.0	OL	Wet, soft, black, SILT, some organic material, trace fine to coarse gravel, slight petroleum like odor.	Vibracore	SILT-ORGANICS
		OL-1252-06	0.0	OL	Wet, soft, black, SILT, some fine to coarse sand and fine to coarse gravel, trace organic material, petroleum like odor.	Vibracore	
		OL-1252-07	0.0	OL	Wet, soft, black, SILT, some fine to coarse sand and fine to coarse gravel, trace organic material, petroleum odor.	Vibracore	
		OL-1252-08	0.0	SP	Wet, medium dense, black, fine to coarse SAND and fine to coarse Gravel, little silt, trace cobbles, slight petroleum like odor.	Vibracore	Sand
		OL-1252-11	0.0	ML	Wet, soft, light to dark brown SILT, some fine sand, trace medium to fine gravel, slight petroleum odor.	Vibracore	Silt
5		OL-1252-12	0.0	SM	Wet, very loose, black, fine to coarse SAND, some silt, trace fine gravel, slight petroleum like odor.	Vibracore	Marl

BORING LOG

Page 2 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60279

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1117694.36
 Easting: 928270.02
 Mud Line: 361.1 Ft
 Surface Water Depth: 1.4 Ft

Driller: Atlantic Testing
 Logging Company: PARSONS
 Geologist: A. MENGES
 Penetration Depth: 11.50 Core Recovery Depth: 9.70

Water Elev: 362.5 Ft
 Attempts: 2
 Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1252-13	0.0	SM	Wet, very loose, dark brown, fine to coarse SAND, some silt, little shells, sulfur odor.	Vibracore	Marl
		OL-1252-14	0.0	SM	Wet, very loose, dark brown, fine SAND, some silt, little shells, sulfur odor	Vibracore	
		OL-1252-15	2.9	SM	Wet, very loose, dark brown, fine SAND, some silt, little shells, sulfur odor	Vibracore	
		OL-1252-16	0.7	SM	Wet, very loose, dark brown, fine SAND, some silt, little shells, sulfur odor	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60281

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers

Honeywell

Northing: 1118213.40

Easting: 928547.40

Mud Line: 361.6 Ft

Surface Water Depth: 1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.40

Core Recovery Depth: 5.00

Water Elev: 362.6 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1233-10	0.0	SP	Moist, very loose, dark brown, fine to coarse SAND, some fine to coarse gravel, trace glass fragments.	Vibracore	Sand
		OL-1233-11	0.0	SP	Moist, very loose, dark brown fine to coarse SAND, some fine to coarse gravel, slight petroleum-like odor.	Vibracore	
		OL-1233-12	0.0	SP	Moist, very loose, dark brown fine to coarse SAND, some medium to fine gravel, trace organic material, slight petroleum-like odor.	Vibracore	
		OL-1233-13	0.0	SP	Moist, very loose, dark brown fine to coarse SAND, some medium to fine gravel, trace organic material, slight petroleum-like odor.	Vibracore	
		OL-1233-14	0.0	SM	Moist, medium dense, dark brown to black, fine to medium SAND, little fine gravel, slight petroleum-like odor.	Vibracore	
		OL-1233-15	0.0	SP	Moist, very loose, dark brown, fine to medium SAND, some medium to fine gravel, medium to fine, slight petroleum-like odor.	Vibracore	
		OL-1233-16	0.0	SP	Moist, loose, dark brown, fine to coarse SAND, trace medium to fine gravel, trace shells, slight petroleum-like odor.	Vibracore	
		OL-1233-17	0.0	ML	Moist, soft, medium to dark brown SILT and fine Sand, trace shells, sulfur odor, MARL.	Vibracore	Marl
		OL-1233-18	0.0	ML	Moist, soft, medium brown, SILT, some fine sand, trace organic material, trace shells, sulfur odor, MARL.	Vibracore	
		OL-1233-19	0.0	ML	Moist, soft, medium brown, SILT, some fine sand, trace organic material, trace shells, sulfur odor, MARL.	Vibracore	
4.5							

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60281A

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1118220.20

Easting: 928553.06

Mud Line: 361.9 Ft

Surface Water Depth: 0.6 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1257-17	0.0	SP	Wet, loose, dark brown, fine to coarse SAND, some fine to coarse gravel, trace cobbles.	Vibracore	Sand
		OL-1257-18	0.0	SP	Wet, loose, dark brown, fine to coarse SAND, some fine to coarse gravel, trace cobbles.	Vibracore	
		OL-1257-19	0.0	SP	Wet, loose, dark brown, fine to coarse SAND, some fine to coarse gravel, trace cobbles.	Vibracore	
		OL-1257-20	0.0	SP	Wet, loose, dark brown, fine to coarse SAND, some fine to coarse gravel.	Vibracore	
		OL-1258-01	0.0	SP	Wet, loose, dark brown, fine to coarse SAND, little fine to medium gravel, trace wood fragments.	Vibracore	
		OL-1258-02	0.0	SP	Wet, loose, dark brown, fine to coarse SAND, little fine to medium gravel, trace wood fragments, slight petroleum-like odor.	Vibracore	
		OL-1258-03	0.0	SP	Wet, loose, dark brown, fine to coarse SAND, little fine to medium gravel, trace wood fragments.	Vibracore	
		OL-1258-04	0.0	ML	Wet, soft, dark brown, SILT and fine to coarse Sand, little fine to coarse gravel, trace cobbles, petroleum-like odor.	Vibracore	Silt and Sand
		OL-1258-06	0.0	ML	Wet, medium stiff, dark brown, SILT, some fine to coarse sand, little shells, petroleum-like odor.	Vibracore	
		OL-1258-07	0.0	ML	Wet, soft, dark brown, SILT and fine SAND, trace shells, trace wood fragments, slight petroleum-like odor.	Vibracore	Silt and Sand
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60281A

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Northing: 1118220.20

Easting: 928553.06

Mud Line: 361.9 Ft

Surface Water Depth: 0.6 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1258-08	0.0	SM	Wet, medium dense, medium brown, fine SAND and Silt, trace shells, trace wood fragments, slight sulfur odor.	Vibracore	Marl
		OL-1258-09	0.0	SM	Wet, medium dense, medium brown, fine SAND, some silt, little shells, slight sulfur odor.	Vibracore	
		OL-1258-10	0.0	SM	Wet, medium dense, medium brown, fine SAND and Silt, little shells, slight sulfur odor.	Vibracore	
		OL-1258-11	0.0	ML	Wet, medium stiff, medium brown, SILT, some fine sand, trace shells, slight sulfur odor.	Vibracore	

9.5

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60282

Date: 06/01/2010

Weather: Mid 70s, winds W-SW, 10-20mph, showers

Northing: 1118880.92

Easting: 928732.32

Mud Line: 360.9 Ft

Surface Water Depth: 1.7 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 5.60

Water Elev: 362.6 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1232-03	0.0	SM	Wet, dense, black, fine to coarse SAND, little silt, trace fine to coarse gravel, trace organic material, petroleum-like odor.	Vibracore	Sand
		OL-1232-04	0.0	SM	Wet, dense, dark brown, fine to coarse SAND, little silt, trace gravel, trace organic material, petroleum-like odor.	Vibracore	
		OL-1232-05	0.0	SM	Moist, loose, medium brown, SAND, fine to coarse, trace fine to medium gravel, trace organic material.	Vibracore	
		OL-1232-06	0.0	SM	Moist, loose, dark brown, fine to medium SAND, trace organic material, trace shells.	Vibracore	
		OL-1232-07	0.0	SM	Moist, loose, dark brown, fine to medium SAND, trace organic material, trace shells.	Vibracore	
		OL-1232-08	0.0	SM	Moist, loose, dark brown, fine to medium SAND, trace organic material, trace shells.	Vibracore	
		OL-1232-09	0.0	SM	Moist, loose, dark brown, fine to medium SAND, trace organic material, trace shells.	Vibracore	
		OL-1232-10	0.0	SM	Moist, medium dense, dark brown, fine to coarse SAND, little silt, trace organic material, trace shells.	Vibracore	Silt
		OL-1232-12	0.0	ML	Moist, stiff, dark brown, SILT, some fine to coarse sand, trace organic material, trace shells.	Vibracore	
		OL-1232-13	0.0	ML	Moist, stiff, dark brown, SILT, some fine to coarse sand, trace organic material, trace shells.	Vibracore	
5		OL-1232-14	0.0	ML	Moist, stiff, dark brown, SILT, some fine to coarse sand, trace organic material, trace shells.	Vibracore	
5.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60283

Date: 06/01/2010

Weather: Mid 70s, winds W-SW, 10-20mph, showers



Northing: 1119087.00

Easting: 928802.27

Mud Line: 361.5 Ft

Surface Water Depth: 1.1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 11.50

Core Recovery Depth: 7.40

Water Elev: 362.6 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1230-16	0.5	SP	Moist, loose, dark brown to black, fine to coarse SAND, some fine to coarse gravel, trace cobbles, trace organic material, no odor.	Vibracore	Sand
		OL-1230-17	1.5	SP	Moist, very loose, dark brown, fine to medium SAND, trace medium to coarse gravel, petroleum-like odor.	Vibracore	
		OL-1230-18	0.2	SP	Moist, loose, dark brown, medium to fine SAND, little medium to fine gravel, trace silt, trace cobbles, petroleum-like odor.	Vibracore	
		OL-1230-19	11.1	SM	Moist, soft, black, fine SAND and Silt, trace fine to medium gravel, strong petroleum-like odor.	Vibracore	
		OL-1230-20	10.2	SM	Moist, loose, black, fine SAND, trace fine gravel, strong petroleum-like odor.	Vibracore	
		OL-1231-01	3.2	SM	Moist, loose, black, fine SAND, some silt, strong petroleum-like odor.	Vibracore	
		OL-1231-02	0.3	ML	Moist, soft, light brown, SILT and fine Sand, trace fine gravel, strong petroleum-like odor.	Vibracore	
							Marl
		OL-1231-03	0.3	ML	Moist, soft, dark brown, SILT and fine Sand, trace organic material, trace shells, no odor.	Vibracore	
		OL-1231-05	0.3	SM	Moist, loose, dark brown, fine to medium SAND, trace fine gravel, trace shells, no odor.	Vibracore	
4							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60283

Date: 06/01/2010

Weather: Mid 70s, winds W-SW, 10-20mph, showers

Northing: 1119087.00

Easting: 928802.27

Mud Line: 361.5 Ft

Surface Water Depth: 1.1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 11.50

Core Recovery Depth: 7.40

Water Elev: 362.6 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
4		OL-1231-06	0.5	ML	Moist, soft, medium brown, SILT and fine Sand, little organic material, trace shells.	Vibracore	Marl
5		OL-1231-07	0.3	ML	Moist, soft, medium brown, SILT, some fine sand, little organic material, trace shells.	Vibracore	
		OL-1231-08	0.3	ML	Moist, soft, medium brown, SILT, some fine sand, little organic material, trace shells.	Vibracore	
6.5							

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60284

Date: 05/28/2010

Weather: High 70s, winds E 5-10mph, mix sun & clouds

Honeywell

Northing: 1119375.55

Easting: 928800.95

Mud Line: 361.4 Ft

Surface Water Depth: 1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 11.50

Core Recovery Depth: 10.00

Water Elev: 362.4 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1224-16	0.0	SW	Moist, loose to very loose, dark gray, coarse to fine SAND, some coarse to fine subround gravel, trace bones, trace shells.	Vibracore	Sand
		OL-1224-17	0.0	SW	Moist, very loose, gray to dark gray, coarse to medium SAND, some medium to fine sub-round gravel, loose.	Vibracore	
		OL-1224-18	0.0	SW	Moist, loose to very loose, light gray to dark gray, fine to medium SAND, little fine to medium sub-round gravel, organic odor.	Vibracore	
		OL-1224-19	0.0	SW	Moist, loose to very loose, light gray to dark gray, fine to medium SAND, little fine to medium sub-round gravel, organic odor.	Vibracore	
		OL-1224-20	0.0	SC	Moist, soft, high plasticity, dark gray, CLAY, soft, some dense fine to very fine sand, petroleum-like odor.	Vibracore	Clay
		OL-1225-01	0.0	SC	Moist, dense, dark gray, high plasticity CLAY, some silt, micaceous, dense, trace organic material, strong petroleum-like odor.	Vibracore	
		OL-1225-02	53.0	SC	Moist, dense, dark gray to black, high plasticity CLAY, some fine to very fine dense sand, strong petroleum-like odor.	Vibracore	
		OL-1225-03	12.0	SM	Moist, dense, dark gray, medium to fine SAND, some silt, micaceous, little shells throughout, strong petroleum-like odor.	Vibracore	Sand
		OL-1225-04	0.0	ML	Moist, very soft, loose, light gray, SILT, trace very fine sand, SOLW, sulfur odor.	Vibracore	Silt
		OL-1225-05	0.0	ML	Moist, very soft, light gray, SILT, trace fine sand, SOLW, sulfur odor.	Vibracore	
5							

Honeywell

Northing: 1119375.55

Easting: 928800.95

Mud Line: 361.4 Ft

Surface Water Depth: 1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 11.50

Core Recovery Depth: 10.00

Water Elev: 362.4 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1225-07	0.0	SM	Moist, loose, dark gray, medium to fine SAND, some silt, micaceous, strong petroleum-like odor.	Vibracore	Sand
		OL-1225-08	0.0	SC	Moist, dense, dark gray, medium to fine SAND, some clay, high plasticity, little shells throughout sample, strong petroleum-like odor.	Vibracore	
		OL-1225-09	0.0	CL	Moist, stiff, dark gray, high plasticity CLAY, little silt, trace shells, decaying organic matter, organic odor.	Vibracore	Clay
		OL-1225-10	0.0	SM	Moist, loose, olive-gray, medium to fine SAND, some silt, low plasticity, trace shells throughout.	Vibracore	Sand

9.5

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60285

Date: 05/28/2010

Weather: High 70s, winds E 5-10mph, mix sun & clouds

Northing: 1119588.61

Easting: 928771.86

Mud Line: 361.2 Ft

Surface Water Depth: 1.2 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 11.50

Core Recovery Depth: 8.20

Water Elev: 362.4 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1226-03	0.0	SM	Moist, loose, light olive gray medium to fine SAND, some silt, micaceous, trace varved clay, organic odor.	Vibracore	Sand
		OL-1226-04	5.0	ML	Moist, soft, olive gray, SILT, light plasticity, some clay, varved, low plasticity, little medium to fine sand, dense, organic odor.	Vibracore	Silt
		OL-1226-05	8.0	ML	Moist, dense, dark gray, SILT, low plasticity, some clay, varved, dense, little organic material, strong petroleum-like odor.	Vibracore	
		OL-1226-06	5.0	SM	Moist, loose, olive gray fine to medium SAND, little silt, micaceous, trace fine subround gravel, petroleum-like odor.	Vibracore	Sand
		OL-1226-07	0.0	SM	Moist, loose, olive gray fine to medium SAND, little silt, micaceous, trace fine subround gravel, petroleum-like odor.	Vibracore	
		OL-1226-08	0.0	SM	Moist, medium dense, olive gray, fine to very fine SAND, some silt, micaceous, trace organic matter, petroleum-like odor.	Vibracore	
		OL-1226-09	0.0	SM	Moist, medium dense, olive gray to dark gray, medium to very fine SAND, little silt, micaceous, dense, strong petroleum-like odor.	Vibracore	
		OL-1226-10	0.0	ML	Moist, dense, olive gray, SILT, some clay, dense, low plasticity, varved, little organic matter throughout, oncolytes present, organic odor.	Vibracore	Silt
		OL-1226-11	0.0	ML	Moist, moderately dense, olive gray, SILT, some clay, dense, low plasticity, varved, trace woody debris, organic odor.	Vibracore	
		OL-1226-13	0.0	SM	Moist, dense, olive gray, fine to very fine SAND, some silt, micaceous, dense, oncolytes and organic debris present throughout sample, organic odor.	Vibracore	Sand
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60285

Date: 05/28/2010

Weather: High 70s, winds E 5-10mph, mix sun & clouds

Northing: 1119588.61

Easting: 928771.86

Mud Line: 361.2 Ft

Surface Water Depth: 1.2 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 11.50

Core Recovery Depth: 8.20

Water Elev: 362.4 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1226-14	0.0	SM	Moist, loose, gray, fine, SAND, some woody debris, light sulfur odor.	Vibracore	Sand
		OL-1226-15	0.0	SM	Moist, dense, light gray, fine SAND, some silt, little clay, varved, low plasticity, organic material throughout, sulfur odor.	Vibracore	
		OL-1226-16	0.0	SM	Moist, dense, light gray, fine SAND, some silt, little clay, varved, low plasticity, organic material throughout, sulfur odor.	Vibracore	
8.0							

BORING LOG

Page 1 of 2

Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60286

Date: 05/28/2010

Weather: High 70s, winds E 5-10mph. mix sun & clouds

Northing: 1119819.49

Easting: 928845.82

Mud Line: 361.4 Ft

Surface Water Depth: 0.6 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 11.00

Core Recovery Depth: 8.50

Water Elev: 362 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1226-17	0.0	SM	Moist, loose, olive gray fine to medium SAND, little silt, micaceous, trace fine gravel.	Vibracore	
		OL-1227-01	0.0	SW	Moist, loose, olive gray, fine to coarse SAND, some fine to medium loose well rounded gravel, little organic matter, roots, shells, woody debris, organic odor.	Vibracore	
		OL-1226-18	0.0	SW	Moist, loose, olive gray, fine to coarse SAND, some fine to medium well rounded gravel, loose, little organic matter, roots, shells, woody debris, organic odor.	Vibracore	
		OL-1226-19	0.0	SW	Moist, loose, olive gray, fine to coarse SAND, some fine to medium well rounded gravel, loose, strong petroleum-like odor.	Vibracore	
		OL-1226-20	0.0	SM	Moist, loose, light gray fine to medium SAND, some silt, trace oncolyte shells throughout, sulfur odor.	Vibracore	
		OL-1227-02	0.0	SC	Moist, loose, light gray, fine to medium SAND, some clay, sulfur odor.	Vibracore	
		OL-1227-03	0.0	SC	Moist, loose, soft light gray fine to medium SAND, some clay, low plasticity, sulfur odor.	Vibracore	
		OL-1227-04	15.3	ML	Moist, dense, gray, SILT, some low plasticity clay, little organic matter throughout sample, petroleum-like odor.	Vibracore	
		OL-1227-05	2.5	SM	Moist, medium dense, gray, fine to very fine SAND, some silt, trace organic material in bottom of recovery, petroleum-like odor.	Vibracore	
		OL-1227-07	18.2	SM	Moist, loose, light greenish gray, low plasticity SILT, trace clay, sulfur odor.	Vibracore	
5							

Marl

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60286

Date: 05/28/2010

Weather: High 70s, winds E 5-10mph. mix sun & clouds



Northing: 1119819.49

Easting: 928845.82

Mud Line: 361.4 Ft

Surface Water Depth: 0.6 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 11.00

Core Recovery Depth: 8.50

Water Elev: 362 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1227-08	5.9	SM	Moist, loose, greenish gray, fine to very fine SAND, some silt, trace clay, oncolytes throughout sample, sulfur odor.	Vibracore	Marl
		OL-1227-09	9.0	SM	Moist, loose, greenish gray fine to very fine SAND, some silt, loose, trace clay, oncolytes throughout sample, sulfur odor, SOLW.	Vibracore	
		OL-1227-10	5.0	SC	Moist, medium stiff, greenish gray, low plasticity SILT, some clay, varved, oncolytes throughout, sulfur odor.	Vibracore	
8.0							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60287

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny & humid



Northing: 1120045.36

Easting: 928925.58

Mud Line: 361.7 Ft

Surface Water Depth: 0.6 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: H PHILIP

Penetration Depth: 10.00

Core Recovery Depth: 6.70

Water Elev: 362.3 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1207-01	0.0	SW	Moist, dark grey, fine to coarse SAND, trace fine sub-angular gravel, some shells, slight petroleum-like odor.	Vibracore	Sand and Gravel
		OL-1207-02	0.0	SW	Moist, medium dense, dark grey, fine to coarse SAND, trace fine sub-angular gravel, trace shells, slight organic odor.	Vibracore	
		OL-1207-03	0.1	SW	Moist, medium dense, dark grey, fine to coarse SAND, trace fine sub-angular gravel, trace shells, trace organics, slight organic odor.	Vibracore	
		OL-1207-04	0.3	SM	Moist, loose, dark grey, fine SAND, little silt, trace shells, petroleum-like odor.	Vibracore	Marl
		OL-1207-05	0.2	SM	Wet, loose, dark grey, fine to medium SAND, little silt, little shells, sulfur odor, MARL.	Vibracore	
		OL-1207-06	1.2	SM	Top half of core is wet, loose, dark grey, fine to medium SAND, little silt, little shells, sulfur odor, MARL. Rest of core is wet, soft, dark grey, SILT, trace clay, trace shells, slight petroleum-like odor.	Vibracore	
		OL-1207-07	0.7	SM	Top inch is wet, soft, dark grey, SILT, trace clay, trace shells, slight petroleum-like odor. Rest of core is moist, grey brown, fine SAND, some silt, trace shells, trace organics, slight petroleum-like odor.	Vibracore	
		OL-1207-08	7.2	ML	Moist, dark grey to black, SILT, little organics, strong petroleum-like odor.	Vibracore	Marl
		OL-1207-09	0.7	SM	Wet, soft, grey, fine SAND, some silt, little shells, sulfur odor, MARL.	Vibracore	

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BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60287

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny & humid

Northing: 1120045.36

Easting: 928925.58

Mud Line: 361.7 Ft

Surface Water Depth: 0.6 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: H PHILIP

Penetration Depth: 10.00

Core Recovery Depth: 6.70

Water Elev: 362.3 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
4		OL-1207-10	11.6	SM	Wet, soft, grey, fine SAND, some silt, little shells, sulfur odor, MARL.	Vibracore	Marl
5		OL-1207-11	8.7	SM	Wet, soft, grey, fine SAND, some silt, little shells, sulfur odor, MARL.	Vibracore	
		OL-1207-12	1.2	SM	Wet, soft, grey, fine SAND, some silt, little shells, sulfur odor, MARL.	Vibracore	
6.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60288

Date: 05/26/2010

Weather: low 90s, winds NW 5-15mph, sun



Northing: 1117564.70

Easting: 928141.30

Mud Line: 360.2 Ft

Surface Water Depth: 2.4 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 10.80

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1215-04	0.0	SM	Wet, loose, dark brown, fine to medium SAND, little silt, little shell fragments, organic odor.	Vibracore	Sand
		OL-1215-05	0.0	SM	Wet, loose, dark brown, fine to medium SAND, little silt, little shell fragments, organic odor.	Vibracore	
		OL-1215-06	1.2	SM	Wet, loose, dark brown, fine to medium SAND, little silt, little shell fragments, slight petroleum-like odor.	Vibracore	
		OL-1215-07	0.5	SM	Wet, loose, dark brown, fine to medium SAND, little silt, little shell fragments, petroleum-like and sulfur odor.	Vibracore	
		OL-1215-08	0.8	ML	Wet, soft, grey brown, SILT, some fine sand, some shells, trace organics, sulfur odor, MARL.	Vibracore	Marl
		OL-1215-09	5.3	ML	Wet, soft, grey brown, SILT, some fine sand, some shells, trace organics, sulfur odor, MARL, visible NAPL in sample.	Vibracore	
		OL-1215-10	1.2	ML	Wet, soft, grey brown, SILT, some fine sand, some shells, trace organics, sulfur odor, MARL.	Vibracore	
		OL-1215-11	1.0	ML	Wet, soft, grey brown, SILT, little fine sand, some shells, trace organics, sulfur odor, MARL.	Vibracore	
		OL-1215-13	8.4	ML	Wet, soft, grey brown, SILT, little fine sand, some shells, trace organics, sulfur odor, MARL.	Vibracore	Marl
		OL-1215-14	52.1	ML	Wet, soft, grey brown, SILT, little fine sand, some shells, trace organics, sulfur odor, MARL.	Vibracore	Marl
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60288

Date: 05/26/2010

Weather: low 90s, winds NW 5-15mph, sun

Northing: 1117564.70

Easting: 928141.30

Mud Line: 360.2 Ft

Surface Water Depth: 2.4 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 10.80

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1215-15	5.1	ML	Wet, soft, grey brown, SILT, little fine sand, little shells, trace organics, sulfur odor, MARL.	Vibracore	Marl
		OL-1215-16	4.1	ML	Wet, soft, grey brown, SILT, little fine sand, little shells, trace organics, sulfur odor, MARL.	Vibracore	
		OL-1215-17	92.2	ML	Wet, soft, grey brown, SILT, little fine sand, little shells, trace organics, sulfur odor, MARL.	Vibracore	
		OL-1215-18	3.8	ML	Wet, soft, grey brown, SILT, little fine sand, little shells, trace organics, sulfur odor, MARL.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60289

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Northing: 1118014.09

Easting: 928500.60

Mud Line: 361.7 Ft

Surface Water Depth: 0.8 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 6.40

Water Elev: 362.5 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1252-18	0.0	PT	Wet, loose, organic material, trace fine to coarse sand, trace Phragmites.	Vibracore	Organics
		OL-1252-17	0.0	PT	Wet, loose, organic material, trace fine to coarse sand, trace Phragmites.	Vibracore	
		OL-1252-19	0.0	PT	Wet, loose, organic material, some fine to coarse sand, trace Phragmites.	Vibracore	
		OL-1252-20	0.0	PT	Wet, loose, organic material, some fine to coarse sand, trace Phragmites.	Vibracore	
		OL-1253-01	0.0	SM	Wet, loose, black, medium to fine SAND, some organic material, trace wood fragments.	Vibracore	Sand
		OL-1253-02	0.0	GM	Wet, medium dense, black, fine to coarse GRAVEL, some fine to coarse sand, trace silt, trace organic material.	Vibracore	Gravel
		OL-1253-03	0.0	GM	Wet, medium dense, black, fine to coarse GRAVEL, some fine to coarse sand, trace silt, trace organic material.	Vibracore	
		OL-1253-04	0.0	GM	Wet, medium dense, black, fine to coarse GRAVEL, little fine to coarse sand, little silt, some organic material.	Vibracore	Sand
		OL-1253-05	0.0	SM	Wet, very loose, black, fine to coarse SAND, some fine to coarse gravel, little silt, little organic material.	Vibracore	Sand

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60289

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Northing: 1118014.09

Easting: 928500.60

Mud Line: 361.7 Ft

Surface Water Depth: 0.8 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.50

Core Recovery Depth: 6.40

Water Elev: 362.5 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
4		OL-1253-06	0.0	SM	Wet, very loose, black, fine to coarse SAND, some fine to coarse gravel, little silt, little organic material.	Vibracore	Sand
5		OL-1253-07	0.0	ML	Wet, soft, black, SILT, some fine to coarse sand, trace fine gravel, little organic material, slight organic odor.	Vibracore	Silt
		OL-1253-08	0.0	ML	Wet, soft, black, SILT, some fine to coarse sand, trace fine gravel, little organic material, slight organic odor.	Vibracore	
6.4							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60290

Date: 05/26/2010

Weather: Low 90s, winds NW 5-15mph, sun



Northing: 1118112.30

Easting: 928282.30

Mud Line: 357 Ft

Surface Water Depth: 5.6 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 11.00

Water Elev: 362.6 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1216-14	0.0	SM	Wet, loose, dark grey, fine SAND, some silt, sulfur odor.	Vibracore	Sand
		OL-1216-15	0.0	SM	Wet, loose, dark grey, fine SAND, some silt, trace shells, sulfur odor.	Vibracore	
		OL-1216-16	0.0	SM	Wet, loose, dark grey, fine SAND, some silt, trace shells, sulfur odor.	Vibracore	
		OL-1216-17	0.0	SM	Wet, loose, dark grey, fine SAND, some silt, trace shells, sulfur odor.	Vibracore	
		OL-1216-18	0.0	SM	Wet, loose, dark grey, fine SAND, some silt, trace shells, sulfur odor.	Vibracore	
		OL-1216-19	0.0	ML	Wet, soft, black, SILT, little fine sand, trace shells, organic odor.	Vibracore	
		OL-1216-20	0.0	ML	Wet, soft, black, SILT, little fine sand, trace shells, organic odor.	Vibracore	Silt
		OL-1217-01	0.1	ML	Wet, soft, black, SILT, little fine sand, trace shells, organic odor.	Vibracore	
		OL-1217-03	0.3	ML	Wet, soft, black, SILT, little fine Sand, organic odor.	Vibracore	
		OL-1217-04	2.3	ML	Wet, soft, black, SILT, trace fine sand, organic odor.	Vibracore	
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60290

Date: 05/26/2010

Weather: Low 90s, winds NW 5-15mph, sun

Honeywell

Northing: 1118112.30

Easting: 928282.30

Mud Line: 357 Ft

Surface Water Depth: 5.6 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 11.00

Water Elev: 362.6 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1217-05	1.1	ML	Wet, soft, black, SILT, trace fine sand, organic odor.	Vibracore	Silt
		OL-1217-06	1.3	ML	Wet, soft, black, SILT, trace fine sand, trace clay, trace organics, organic odor.	Vibracore	
		OL-1217-07	3.2	ML	Wet, soft, black, SILT, trace fine sand, trace clay, trace organics, organic odor.	Vibracore	
		OL-1217-08	0.9	ML	Wet, soft, black, SILT, trace fine sand, trace clay, trace organics, slight petroleum-like odor.	Vibracore	
9.5							

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60290A

Date: 05/26/2010

Weather: Low 90s, winds NW 5-15mph, sun

Honeywell

Northing: 1118116.30

Easting: 928267.30

Mud Line: 358.4 Ft

Surface Water Depth: 4.2 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 11.40

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1215-19	0.2	SM	Moist, loose, dark brown, fine SAND, some silt, trace organics, micaceous, organic odor.	Vibracore	Sand
		OL-1215-20	0.0	SM	Moist, loose, dark brown, fine SAND, some silt, trace organics, micaceous, organic odor.	Vibracore	
		OL-1216-01	0.0	SM	Moist, loose, dark brown, fine SAND, some silt, trace organics, micaceous, organic odor.	Vibracore	
		OL-1216-02	0.0	SM	Moist, loose, dark brown, fine SAND, some silt, trace organics, micaceous, organic odor.	Vibracore	
		OL-1216-03	0.0	SM	Moist, loose, dark grey, fine SAND, some silt, trace organics, micaceous, slight petroleum-like odor.	Vibracore	
		OL-1216-04	0.0	SM	Moist, loose, dark grey, fine SAND, some silt, trace organics, micaceous, slight petroleum-like odor.	Vibracore	
		OL-1216-05	0.0	ML	Wet, soft, dark grey, SILT, little fine sand, trace organics, petroleum-like odor.	Vibracore	
							Silt
		OL-1216-06	0.0	ML	Wet, soft, dark grey and black, SILT, trace fine sand, petroleum-like odor, NAPL present.	Vibracore	
		OL-1216-08	0.8	ML	Wet, soft, dark grey, SILT, little fine sand, trace organics, petroleum-like odor.	Vibracore	
		OL-1216-09	0.5	ML	Wet, soft, dark grey, SILT, little fine sand, trace organics, petroleum-like odor.	Vibracore	
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60290A

Date: 05/26/2010

Weather: Low 90s, winds NW 5-15mph, sun

Honeywell

Northing: 1118116.30

Easting: 928267.30

Mud Line: 358.4 Ft

Surface Water Depth: 4.2 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 11.40

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1216-10	1.8	ML	Wet, soft, dark grey, SILT, trace fine sand, trace organics, petroleum-like odor.	Vibracore	Silt
		OL-1216-11	0.6	ML	Wet, soft, dark grey, SILT, trace fine sand, trace organics, petroleum-like odor.	Vibracore	
		OL-1216-12	2.3	ML	Wet, soft, dark grey, SILT, trace fine sand, trace clay, petroleum-like odor.	Vibracore	
		OL-1216-13	0.2	ML	Wet, soft, dark grey, SILT, trace fine sand, trace clay, petroleum-like odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60291

Date: 05/28/2010

Weather: High 70s, winds E 5-10mph, mix sun & clouds

Northing: 1118894.88

Easting: 928620.07

Mud Line: 360 Ft

Surface Water Depth: 2 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 12.00

Core Recovery Depth: 9.50

Water Elev: 362 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1224-01	0.0	SM	Moist, loose, brown, fine to medium SAND, some silt, micaceous, trace fine subangular gravel, moderate petroleum-like odor.	Vibracore	Sand
		OL-1224-02	0.0	SM	Moist, loose, light gray, SAND, medium to fine, some silt, micaceous, trace fine subangular gravel, organic odor.	Vibracore	
		OL-1224-03	0.0	SM	Moist, loose, light gray, fine to medium SAND, some silt, micaceous, few shells, trace fine subangular gravel, organic odor.	Vibracore	
		OL-1224-04	0.0	SM	Moist, loose, light gray, fine to medium SAND, some silt, micaceous, trace fine subangular gravel, organic odor.	Vibracore	
		OL-1224-05	0.0	SM	Moist, loose, light gray, fine to medium SAND, some silt, micaceous, trace shells throughout.	Vibracore	
		OL-1224-06	0.0	SM	Moist, loose, light gray, fine to medium SAND, some silt, micaceous, trace shells throughout.	Vibracore	
		OL-1224-07	0.0	SM	Moist, loose, light gray to brown, fine to medium SAND, some silt, micaceous, little clay, trace shells throughout sample, woody debris, slight petroleum-like odor.	Vibracore	
		OL-1224-08	0.0	SM	Moist, medium dense, light gray to brown, fine to very fine SAND, some silt, micaceous, little organic matter, roots and delterious leaves, trace shells.	Vibracore	
		OL-1224-10	0.0	SM	Moist, medium dense, light gray to brown, SAND, some silt, micaceous, little organic material, trace shells, moderate plasticity.	Vibracore	
		OL-1224-11	0.0	SM	Moist, medium dense, light gray to brown, SAND, some silt, micaceous, little organic material, trace shells, moderate plasticity, no odor.	Vibracore	
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60291

Date: 05/28/2010

Weather: High 70s, winds E 5-10mph, mix sun & clouds

Northing: 1118894.88

Easting: 928620.07

Mud Line: 360 Ft

Surface Water Depth: 2 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 12.00

Core Recovery Depth: 9.50

Water Elev: 362 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1224-12	0.0	SC	Moist, dense, light gray, fine to very fine SAND, some clay varved, little organic material, trace shells.	Vibracore	Sand
		OL-1224-13	0.0	SM	Moist, dense, light gray, fine SAND, some silt, some clay, varved, little shells and organic matter, roots throughout.	Vibracore	
		OL-1224-14	0.0	SM	Moist, dense, light gray, very fine SAND, some silt, some clay, varved, trace shells and organic matter, roots.	Vibracore	
		OL-1224-15	0.0	SP-SM	Moist, loose, dark gray, fine to coarse SAND, little silt, micaceous, trace fine subround gravel, organic odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60292

Date: 05/28/2010

Weather: High 70s, winds E 5-10mph, mix sun & clouds

Honeywell

Northing: 1118934.26

Easting: 928487.42

Mud Line: 359.7 Ft

Surface Water Depth: 2.3 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 12.00

Core Recovery Depth: 9.40

Water Elev: 362 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1228-20	0.0	SM	Moist, soft, light brown, fine to medium SAND, some silt, micaceous, trace coarse well rounded gravel, organic odor.	Vibracore	Sand
		OL-1229-01	0.0	SM	Moist, medium dense, light gray, fine to very fine SAND, some silt, micaceous, trace coarse well rounded gravel, organic odor.	Vibracore	
		OL-1229-02	0.0	SM	Moist, medium dense, light gray, fine to very fine SAND, some silt, micaceous, organic odor.	Vibracore	
		OL-1229-03	0.0	SM	Moist, dense, light gray, medium to fine SAND, little silt, micaceous, trace shells throughout sample, organic odor.	Vibracore	
		OL-1229-04	0.0	SM	Moist, dense, light gray, fine SAND, little silt, micaceous, trace fine sub-round gravel, organic odor.	Vibracore	
		OL-1229-05	0.0	SM	Moist, very dense, light gray, fine SAND, some silt, light gray, varved, interbedded with sand/silt, trace shells in sand portion only, organic odor.	Vibracore	
		OL-1229-06	0.0	SM	Moist, dense, brown, fine SAND, little silt, dense, trace shells throughout, organic odor.	Vibracore	
		OL-1229-07	0.0	SM	Moist, dense, brown, fine SAND, some silt, interbedded, little shells throughout, organic odor.	Vibracore	Marl
		OL-1229-09	0.0	SM	Moist, dense, brown, fine to medium SAND, some silt, interbedded, little organic material throughout sample, trace shells, sulfur odor.	Vibracore	
		OL-1229-10	0.0	SM	Moist, dense, brown, fine SAND, some silt, little organic material, roots throughout sample, trace shells, woody debris, organic odor.	Vibracore	Marl
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60292

Date: 05/28/2010

Weather: High 70s, winds E 5-10mph, mix sun & clouds

Northing: 1118934.26

Easting: 928487.42

Mud Line: 359.7 Ft

Surface Water Depth: 2.3 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 12.00

Core Recovery Depth: 9.40

Water Elev: 362 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1229-11	0.0	SC	Moist, dense, brown, fine SAND, some silt, little clay, shells throughout, organic odor.	Vibracore	Marl
		OL-1229-12	0.0	SC	Moist, dense, brown, fine to very fine SAND, some light gray clay, varved, little organic material, roots throughout sample, trace shells, organic odor.	Vibracore	
		OL-1229-13	0.0	CL	Moist, soft, brown, CLAY, high plasticity, little silt, trace organic roots and shells throughout sample, little woody debris, organic odor.	Vibracore	
9.4		OL-1229-14	0.0	CL	Moist, soft, brown, CLAY, high plasticity, little silt, trace organic roots and shells throughout sample, little woody debris, organic odor.	Vibracore	

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60293

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny & humid

Honeywell

Northing: 1118906.55

Easting: 928155.36

Mud Line: 358.4 Ft

Surface Water Depth: 3.3 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 10.00

Water Elev: 361.7 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1207-13	0.4	SM	Wet, medium dense, dark brown, fine to medium SAND, little silt, trace organics, organic odor.	Vibracore	Sand
		OL-1207-14	0.3	SM	Wet, medium dense, dark brown, fine to medium SAND, little silt, trace organics, organic odor.	Vibracore	
		OL-1207-15	0.4	SM	Wet, loose, dark grey, fine SAND, little silt, trace clay seam, trace organics, strong petroleum-like odor.	Vibracore	
		OL-1207-16	5.1	ML	Wet, soft, dark grey to black, SILT, little clay, trace fine sand, petroleum-like odor.	Vibracore	Silt
		OL-1207-17	1.5	SM	0 to 1.5 inches is wet, soft, dark grey to black, SILT, little clay, trace fine sand, petroleum-like odor. Rest of core is wet, loose, dark grey, fine SAND, little silt, petroleum like odor.	Vibracore	Sand
		OL-1207-18	1.7	SM	Wet, loose, dark grey, fine SAND, little silt, petroleum like odor.	Vibracore	
		OL-1207-20	0.4	SM	Wet, loose, dark grey, fine SAND, little silt, petroleum like odor.	Vibracore	
		OL-1208-01	0.5	SM	Wet, loose, dark grey, fine SAND, little silt, petroleum like odor.	Vibracore	Marl
		OL-1208-03	0.3	ML	Wet, soft, grey brown, SILT, little fine sand, some shells, trace organics, slight sulfur odor, MARL.	Vibracore	
		OL-1208-04	0.3	ML	Wet, soft, grey brown, SILT, little fine sand, some shells, trace organics, slight sulfur odor, MARL.	Vibracore	Marl
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60293

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny & humid

Honeywell

Northing: 1118906.55

Easting: 928155.36

Mud Line: 358.4 Ft

Surface Water Depth: 3.3 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 10.00

Water Elev: 361.7 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1208-05	0.3	ML	Wet, soft, grey brown, SILT, little fine sand, some shells, trace organics, slight sulfur odor, MARL.	Vibracore	Marl
		OL-1208-06	0.4	ML	Wet, soft, grey brown, SILT, little fine sand, some shells, trace organics, slight sulfur odor, MARL.	Vibracore	
		OL-1208-07	0.5	ML	Wet, soft, grey brown, SILT, little fine sand, some shells, trace organics, slight sulfur odor, MARL.	Vibracore	
		OL-1208-08	0.4	ML	Wet, soft, grey brown, SILT, little fine sand, some shells, trace organics, slight sulfur odor, MARL.	Vibracore	
9.5							

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60294

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny & humid



Northing: 1119184.50

Easting: 928151.60

Mud Line: 357.2 Ft

Surface Water Depth: 5.3 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1208-09	1.8	ML	Wet, soft, dark grey and black, SILT, trace organics, petroleum-like odor.	Vibracore	Silt
		OL-1208-10	1.9	SM	Wet, loose, dark grey and black, fine SAND, little silt, trace shell fragments, petroleum-like odor.	Vibracore	Sand
		OL-1208-11	1.7	SM	Wet, loose, dark grey and black, fine SAND, little silt, trace shell fragments, petroleum-like odor.	Vibracore	
		OL-1208-12	0.7	SM	Wet, loose, dark grey and black, fine SAND, trace silt, trace shell fragments, petroleum-like odor.	Vibracore	
		OL-1208-13	1.2	SM	Wet, loose, dark grey and black, fine SAND, little silt, trace shell fragments, petroleum-like odor.	Vibracore	
		OL-1208-14	0.5	SM	Moist, medium stiff, dark grey and black, fine SAND, little silt, trace shell fragments, petroleum-like odor.	Vibracore	
		OL-1208-15	0.5	SM	Moist, medium stiff, dark grey and black, fine SAND, little silt, trace shell fragments, petroleum-like odor.	Vibracore	
		OL-1208-16	0.5	SM	0 to 3 inches is moist, soft, dark brown, SILT and fine Sand, trace shells, trace organics, slight sulfur odor. Rest of core is moist, soft, black to dark grey, SILT, trace fine sand, organic odor.	Vibracore	Marl
		OL-1208-17	0.5	ML	Wet, soft, grey, SILT, little fine sand, some shells, little organics, sulfur odor, MARL.	Vibracore	
		OL-1208-18	0.4	ML	Wet, soft, grey, SILT, little fine sand, some shells, little organics, sulfur odor, MARL.	Vibracore	
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60294

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny & humid

Honeywell

Northing: 1119184.50

Easting: 928151.60

Mud Line: 357.2 Ft

Surface Water Depth: 5.3 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1208-19	0.4	ML	Wet, soft, brown, SILT, trace fine sand, little shells, little organics, sulfur odor, MARL.	Vibracore	Marl
		OL-1208-20	0.4	ML	Wet, soft, brown, SILT, trace fine sand, little shells, little organics, sulfur odor, MARL.	Vibracore	
		OL-1209-01	0.4	ML	Wet, soft, brown, SILT, trace fine sand, trace clay, little shells, little organics, sulfur odor, MARL.	Vibracore	
		OL-1209-02	0.4	ML	Wet, soft, brown, SILT, trace fine sand, trace clay, little shells, little organics, sulfur odor, MARL.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60294A

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers

Honeywell

Northing: 1119173.10

Easting: 928140.65

Mud Line: 357.5 Ft

Surface Water Depth: 5 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 12.00

Core Recovery Depth: 9.70

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1235-11	0.0	ML	Wet, very soft, black, SILT, trace organics, strong petroleum-like odor.	Vibracore	Silt
		OL-1235-12	0.0	ML	Wet, very soft, black, SILT, trace organics, trace shells, strong petroleum-like odor.	Vibracore	
		OL-1235-14	0.0	ML	Wet, very soft, black, SILT, little sand, fine, trace shells, trace organics, strong petroleum-like odor.	Vibracore	
		OL-1235-13	0.0	SM	Wet, very loose, dark gray, fine SAND, little silt, trace clay, trace shells, strong petroleum-like odor.	Vibracore	Sand
		OL-1235-15	0.0	SM	Moist, loose, dark gray, fine SAND, trace medium sand, trace silt, trace organics, slight petroleum-like odor.	Vibracore	
		OL-1235-16	0.0	SM	Moist, loose, dark gray, fine SAND, trace medium sand, trace silt, trace organics, slight petroleum-like odor.	Vibracore	
		OL-1235-17	0.0	SM	Moist, loose, dark gray, fine SAND, trace medium sand, trace silt, trace organics, trace wood fragments, slight petroleum-like odor.	Vibracore	
		OL-1235-18	0.0	ML	Wet, very soft, dark gray, SILT, little fine sand, trace shells, very slight petroleum-like odor.	Vibracore	Silt
		OL-1235-19	0.2	ML	Wet, very soft, gray, SILT, little to trace fine sand, little shells, trace organics, sulfur odor, MARL.	Vibracore	Marl
		OL-1235-20	0.1	ML	Wet, very soft, gray, SILT, little to trace fine sand, little shells, trace organics, sulfur odor, MARL.	Vibracore	

5

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60294A

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers

Northing: 1119173.10

Easting: 928140.65

Mud Line: 357.5 Ft

Surface Water Depth: 5 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 12.00

Core Recovery Depth: 9.70

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1236-01	0.2	ML	Wet, very soft, gray brown, SILT, trace clay, trace shells, trace organics, MARL.	Vibracore	Marl
		OL-1236-03	0.2	ML	Wet, very soft, very brown, SILT, little clay, little shells, trace organics, low plasticity, sulfur odor, MARL.	Vibracore	
		OL-1236-04	0.2	ML	Wet, very soft, very brown, SILT, little clay, little shells, trace organics, low plasticity, sulfur odor, MARL.	Vibracore	
		OL-1236-05	0.3	ML	Wet, very soft, gray brown, SILT, little clay, trace shells, trace organics, sulfur odor, MARL.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60295

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Honeywell

Northing: 1119186.22

Easting: 928691.45

Mud Line: 360.6 Ft

Surface Water Depth: 1.9 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1254-18	0.0	ML	Wet, stiff, black, SILT, trace fine sand, trace cobbles, petroleum-like odor.	Vibracore	Silt
		OL-1254-19	0.0	ML	Wet, soft, dark brown, SILT, some fine to medium sand, trace shells, petroleum-like odor.	Vibracore	
		OL-1254-20	0.0	SM	Wet, loose, dark brown, medium to fine SAND, little silt, trace coarse gravel, trace shells, slight petroleum-like odor.	Vibracore	Sand
		OL-1255-01	0.0	SM	Wet, loose, medium brown, fine to coarse SAND.	Vibracore	
		OL-1255-02	0.0	SM	Wet, loose, medium brown, fine to coarse SAND, trace organic material.	Vibracore	
		OL-1255-03	0.0	SM	Wet, loose, medium brown, fine to coarse SAND, trace organic material, trace shells.	Vibracore	
		OL-1255-04	0.0	SM	Wet, loose, medium brown, fine to coarse SAND, little silt, trace organic material, trace shells.	Vibracore	
		OL-1255-05	0.0	SM	Wet, loose, medium brown, fine to coarse SAND, little silt, trace organic material, trace shells.	Vibracore	
		OL-1255-07	0.0	SM	Wet, loose, medium brown, fine to coarse SAND, some silt, trace organic material, trace shells.	Vibracore	
		OL-1255-08	0.0	SM	Wet, loose, medium brown, fine to coarse SAND, little silt, trace shells.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60295

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, mix sun & clouds

Northing: 1119186.22

Easting: 928691.45

Mud Line: 360.6 Ft

Surface Water Depth: 1.9 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1255-09	0.0	SM	Wet, loose, medium brown, fine to coarse SAND, some silt, trace organic material, trace shells.	Vibracore	Sand
		OL-1255-10	0.0	ML	Wet, stiff, medium brown, SILT, little fine sand, trace shells.	Vibracore	
		OL-1255-11	0.0	ML	Wet, stiff, medium brown, SILT, trace fine sand, trace shells, trace organic material.	Vibracore	Silt
		OL-1255-12	0.0	ML	Wet, stiff, medium brown, SILT, trace fine sand, trace clay, trace shells, trace organic material.	Vibracore	
9.5							

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60296

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny & humid

Honeywell

Northing: 1119463.20

Easting: 928425.80

Mud Line: 359.3 Ft

Surface Water Depth: 3.2 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1209-03	1.9	SM	Wet, loose, dark grey and black, fine SAND, some silt, trace shell fragments, trace organics, strong petroleum-like odor.	Vibracore	Sand
		OL-1209-04	11.0	SM	Wet, loose, dark grey and black, fine SAND and SILT, trace shell fragments, trace organics, strong petroleum-like odor.	Vibracore	
		OL-1209-05	4.6	ML	Wet, loose, dark grey and black, SILT, trace fine sand, trace organics, strong petroleum-like odor.	Vibracore	Silt
		OL-1209-06	1.1	ML	Wet, loose, brown and dark grey, SILT, trace fine sand, trace organics, strong petroleum-like odor.	Vibracore	
		OL-1209-07	2.4	SM	Wet, loose, dark grey, fine SAND, some silt, trace shells, trace organics, petroleum-like odor.	Vibracore	Sand
		OL-1209-08	0.6	SM	Moist, loose, brown, fine SAND, little silt, trace shells, trace organics, petroleum-like odor.	Vibracore	
		OL-1209-09	1.7	SM	Moist, loose, brown, fine SAND, little silt, trace shells, trace organics, petroleum-like odor.	Vibracore	
		OL-1209-10	0.9	SM	Moist, dense, dark brown, fine SAND, little silt, little shells, little organics, slight petroleum-like odor.	Vibracore	Silt
		OL-1209-12	0.5	ML	Moist, soft, grey, SILT, little fine sand, little shells, trace organics, organic odor.	Vibracore	
		OL-1209-13	0.5	ML	Moist, soft, grey, SILT, trace fine sand, little shells, trace organics, organic odor.	Vibracore	Silt
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60296

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny & humid

Honeywell

Northing: 1119463.20

Easting: 928425.80

Mud Line: 359.3 Ft

Surface Water Depth: 3.2 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1209-14	0.5	ML	Moist, soft, grey, SILT, trace fine sand, little shells, trace organics, sulfur odor, MARL.	Vibracore	Marl
		OL-1209-15	0.5	ML	Moist, soft, grey, SILT, trace fine sand, little shells, trace organics, organic odor, MARL.	Vibracore	
		OL-1209-16	0.5	ML	Moist, soft, grey, SILT, trace fine sand, trace clay, little shells, trace organics, organic odor, MARL.	Vibracore	
		OL-1209-17	0.5	ML	Moist, soft, grey, SILT, trace fine sand, trace clay, little shells, trace organics, organic odor, MARL.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60297

Date: 05/26/2010

Weather: Low 90s, winds NW 5-15mph, sunny



Northing: 1120415.40

Easting: 928463.20

Mud Line: 357.8 Ft

Surface Water Depth: 4.7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 11.10

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1214-05	0.2	SM	Wet, loose, brown, fine SAND, little silt, little shells, trace organics, trace oncolites, sulfur odor, MARL.	Vibracore	Marl
		OL-1214-06	0.1	ML	Wet, soft, brown, SILT, some fine sand, little shells, trace organics, trace oncolites, sulfur odor, MARL.	Vibracore	
		OL-1214-07	0.3	ML	Wet, soft, brown, SILT, some fine sand, little shells, trace organics, trace oncolites, sulfur odor, MARL.	Vibracore	
		OL-1214-08	0.2	ML	Wet, soft, brown, SILT, some fine sand, little shells, trace organics, trace oncolites, sulfur odor, MARL.	Vibracore	
		OL-1214-09	0.2	SM-ML	Wet, loose, grey brown, fine SAND and Silt, some shells, trace organics, strong sulfur odor, MARL.	Vibracore	
		OL-1214-10	0.0	SM-ML	Wet, loose, grey brown, fine SAND and Silt, some shells, trace organics, strong sulfur odor, MARL.	Vibracore	
		OL-1214-11	0.3	SM-ML	Wet, loose, grey brown, fine SAND and Silt, some shells, trace organics, strong sulfur odor, MARL.	Vibracore	
		OL-1214-12	0.6	SM-ML	Wet, loose, grey brown, fine SAND and Silt, some shells, trace organics, strong sulfur odor, MARL.	Vibracore	
		OL-1214-13	0.1	SM-ML	Wet, loose, grey brown, fine SAND and Silt, some shells, trace organics, strong sulfur odor, MARL.	Vibracore	
		OL-1214-14	1.1	ML	Wet, loose, grey brown, SILT, some fine sand, some shells, trace organics, strong sulfur odor, MARL.	Vibracore	
5							

BORING LOG

Page 2 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60297

Date: 05/26/2010

Weather: Low 90s, winds NW 5-15mph, sunny



Northing: 1120415.40

Easting: 928463.20

Mud Line: 357.8 Ft

Surface Water Depth: 4.7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 11.10

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1214-15	1.3	ML	Wet, loose, grey brown, SILT, some fine sand, some shells, trace organics, strong sulfur odor, MARL.	Vibracore	Marl
		OL-1214-16	0.1	ML	Wet, loose, grey brown, SILT, and some fine sand, some shells, trace organics, strong sulfur odor, MARL.	Vibracore	
		OL-1214-17	0.3	ML	Wet, loose, grey brown, SILT, and some fine sand, some shells, trace organics, strong sulfur odor, MARL.	Vibracore	
		OL-1214-18	1.2	ML	Wet, loose, grey brown, SILT, some fine sand, some shells, trace organics, strong sulfur odor, MARL.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60302

Date: 06/14/2010

Weather: Mid 70s, winds W-NW 10-20 mph, cloudy

Honeywell

Northing: 1117462.01

Easting: 928027.60

Mud Line: 359.4 Ft

Surface Water Depth: 3.1 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.20

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1301-01	0.3	SM	Wet, medium dense, medium brown, fine to coarse SAND, trace silt.	Vibracore	Sand
		OL-1301-02	1.3	SM	Wet, medium dense, medium brown, fine to coarse SAND, trace silt.	Vibracore	Marl
		OL-1301-03	34.8	SM	Wet, medium dense, medium brown, fine to coarse SAND, trace silt, trace shells, sulfur odor.	Vibracore	
		OL-1301-04	20.6	SM	Wet, medium dense, medium brown, fine to coarse SAND, little silt, trace shells, sulfur odor.	Vibracore	
		OL-1301-05	1.0	SM	Wet, medium dense, light brown, medium to fine SAND and Silt, trace shells, sulfur odor.	Vibracore	
		OL-1301-06	12.2	SM	Wet, medium dense, light brown, medium to fine SAND and Silt, trace shells, sulfur odor.	Vibracore	
		OL-1301-07	9.8	SM	Wet, medium dense, light brown, medium to fine SAND and Silt, trace shells, sulfur odor.	Vibracore	
		OL-1301-08	19.8	SM	Wet, medium dense, light brown, medium to fine SAND and Silt, trace shells, sulfur odor.	Vibracore	
		OL-1301-10	4.9	SM	Wet, medium dense, light brown, medium to fine SAND and Silt, trace shells, sulfur odor.	Vibracore	
		OL-1301-11	31.3	SM	Wet, medium dense, light brown, medium to fine SAND and Silt, trace shells, sulfur odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60302

Date: 06/14/2010

Weather: Mid 70s, winds W-NW 10-20 mph, cloudy

Northing: 1117462.01

Easting: 928027.60

Mud Line: 359.4 Ft

Surface Water Depth: 3.1 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.20

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1301-12	4.0	SM	Wet, medium dense, light brown, medium to fine SAND and Silt, trace shells, sulfur odor.	Vibracore	Marl
		OL-1301-13	18.4	SM	Wet, medium dense, light brown, medium to fine SAND and Silt, trace shells, sulfur odor.	Vibracore	
		OL-1301-14	9.3	SM	Wet, medium dense, light brown, medium to fine SAND and Silt, trace shells, sulfur odor.	Vibracore	
		OL-1301-15	1.7	SM	Wet, medium dense, light brown, medium to fine SAND and Silt, trace shells, sulfur odor.	Vibracore	

9.5

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60303

Date: 06/14/2010

Weather: Mid 70s, winds W-NW 10-20mph, cloudy

Northing: 1118643.14
 Easting: 928322.36
 Mud Line: 358.8 Ft
 Surface Water Depth: 3.7 Ft

Driller: Anchor QEA
 Logging Company: PARSONS
 Geologist: A. MENGES
 Penetration Depth: 10.00 Core Recovery Depth: 10.00

Water Elev: 362.5 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1301-16	1.1	ML	Wet, soft, medium brown, SILT, some fine sand, slight petroleum like odor.	Vibracore	Silt
		OL-1301-17	1.1	SM	Wet, medium dense, medium brown, medium to fine SAND, some silt, slight petroleum like odor.	Vibracore	Marl
		OL-1301-18	0.8	SM	Wet, medium dense, brown, medium to fine SAND.	Vibracore	
		OL-1301-19	0.9	SM	Wet, medium dense, brown, medium to fine SAND, trace shells.	Vibracore	
		OL-1301-20	0.1	SM	Wet, medium dense, light brown, medium to fine SAND, trace silt, trace shells.	Vibracore	
		OL-1302-01	0.2	SM	Wet, medium dense, light brown, medium to fine SAND, trace silt, trace shells.	Vibracore	
		OL-1302-02	0.2	SM	Wet, medium dense, light brown, medium to fine SAND, little silt, trace shells.	Vibracore	
		OL-1302-03	0.0	ML	Wet, medium stiff, brown, SILT and fine Sand, trace shells, trace sulfur odor.	Vibracore	
		OL-1302-05	0.0	ML	Wet, medium stiff, brown, SILT and fine Sand, trace shells, trace sulfur odor.	Vibracore	
		OL-1302-06	0.0	ML	Wet, medium stiff, brown, SILT and fine Sand, trace shells, trace sulfur odor.	Vibracore	
5							

BORING LOG

Page 2 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60303

Date: 06/14/2010

Weather: Mid 70s, winds W-NW 10-20mph, cloudy

Honeywell

Northing: 1118643.14

Easting: 928322.36

Mud Line: 358.8 Ft

Surface Water Depth: 3.7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 10.00

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1302-07	0.0	ML	Wet, medium stiff, brown, SILT, some fine sand, trace shells, trace sulfur odor.	Vibracore	Marl
		OL-1302-08	0.1	ML	Wet, medium stiff, brown, SILT, some fine sand, trace shells, trace sulfur odor.	Vibracore	
		OL-1302-09	0.0	ML	Wet, medium stiff, brown, SILT, some fine sand, trace shells, trace sulfur odor.	Vibracore	
		OL-1302-10	0.0	ML	Wet, medium stiff, brown, SILT, some fine sand, trace shells, trace sulfur odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60304

Date: 06/14/2010

Weather: Mid 70s, winds W-NW 10-20mph, cloudy



Northing: 1118792.83

Easting: 928487.36

Mud Line: 360.6 Ft

Surface Water Depth: 2.9 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 10.00

Core Recovery Depth: 9.60

Water Elev: 363.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1303-01	0.1	SM	Wet, medium dense, dark brown, fine to coarse SAND, trace shells.	Vibracore	Marl
		OL-1303-02	0.1	SM	Wet, medium dense, dark brown, fine to coarse SAND, trace shells.	Vibracore	
		OL-1303-03	0.1	SM	Wet, medium dense, dark brown, fine to coarse SAND, trace shells, slight sulfur like odor.	Vibracore	
		OL-1303-04	0.1	SM	Wet, medium dense, dark brown, fine to coarse SAND, trace shells, slight sulfur like odor.	Vibracore	
		OL-1303-05	0.1	SM	Wet, medium dense, dark brown, fine to coarse SAND, trace shells, slight sulfur like odor.	Vibracore	
		OL-1303-06	0.2	SM	Wet, medium dense, dark brown, fine to coarse SAND, trace silt, trace shells, slight sulfur like odor.	Vibracore	
		OL-1303-07	0.2	SM	Wet, medium dense, dark brown, fine to coarse SAND, trace silt, trace shells, slight sulfur like odor.	Vibracore	
		OL-1303-08	0.3	SM	Wet, medium dense, dark brown, fine to coarse SAND, some silt, trace shells, slight sulfur odor.	Vibracore	
		OL-1303-10	0.0	ML-SM	Wet, medium stiff, brown, SILT and fine Sand, trace organic material, trace shells, sulfur odor.	Vibracore	
5		OL-1303-11	0.2	ML-SM	Wet, medium stiff, brown, SILT and fine Sand, trace organic material, trace shells, sulfur odor.	Vibracore	

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60304

Date: 06/14/2010

Weather: Mid 70s, winds W-NW 10-20mph, cloudy

Northing: 1118792.83

Easting: 928487.36

Mud Line: 360.6 Ft

Surface Water Depth: 2.9 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 10.00

Core Recovery Depth: 9.60

Water Elev: 363.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1303-12	0.0	ML-SM	Wet, medium stiff, brown, SILT and fine Sand, trace organic material, trace shells, sulfur odor.	Vibracore	Marl
		OL-1303-13	0.2	ML-SM	Wet, medium stiff, brown, SILT and fine Sand, trace organic material, trace shells, sulfur odor.	Vibracore	
		OL-1303-14	0.0	ML	Wet, medium stiff, brown, SILT, some fine sand, trace organic material, trace shells, sulfur odor.	Vibracore	
		OL-1303-15	0.0	ML	Wet, medium stiff, brown, SILT, some fine sand, trace organic material, trace shells, sulfur odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70144

Date: 05/27/2010

Weather: High 80s, winds W 5-15mph, cloudy w/T-storms

Honeywell

Northing: 1116253.69

Easting: 926801.40

Mud Line: 360.6 Ft

Surface Water Depth: 1.4 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 12.00

Core Recovery Depth: 10.70

Water Elev: 362 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1228-06	0.0	ML	Wet, loose, dark gray, SILT, low plasticity, some clay, wet, loose, low plasticity, little coarse subround gravel, little petroleum-like odor.	Vibracore	Silt
		OL-1228-07	7.9	SM	Wet, loose, dark gray, fine SAND, some silt, loose, wet, little clay, soft, low plasticity, hair, strong petroleum-like odor.	Vibracore	Sand
		OL-1228-08	3.9	CL	Wet, very soft, dark gray, CLAY, low plasticity, some silt, strong petroleum-like odor.	Vibracore	
		OL-1228-09	7.8	CL	Wet, very soft, dark gray, CLAY, low plasticity, some silt, strong petroleum-like odor.	Vibracore	Clay
		OL-1228-10	0.0	CL	Wet, loose, dark gray to black, CLAY, low plasticity, little silt, micaceous, strong petroleum-like odor.	Vibracore	Sand
		OL-1228-11	0.5	SM	Moist, medium dense, dark gray, fine SAND, some silt, low plasticity, trace clay, strong petroleum-like odor.	Vibracore	
		OL-1228-12	1.5	SM	Moist, medium dense, dark gray, medium to fine SAND, some silt, strong petroleum-like odor.	Vibracore	
		OL-1228-13	0.0	SM	Moist, dense, light gray, fine SAND, little silt, micaceous, trace shells, trace sticks and roots, strong sulfur odor, large cobble.	Vibracore	Marl
		OL-1228-14	40.0	SM	Moist, dense, light gray, fine SAND, some silt, little clay, varved, shells throughout sample, strong sulfur odor.	Vibracore	
		OL-1228-15	7.6	SM	Moist, dense, light gray, fine SAND, some silt, little clay, varved, shells throughout sample, strong sulfur odor.	Vibracore	

5

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70144

Date: 05/27/2010

Weather: High 80s, winds W 5-15mph, cloudy w/T-storms

Northing: 1116253.69

Easting: 926801.40

Mud Line: 360.6 Ft

Surface Water Depth: 1.4 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 12.00

Core Recovery Depth: 10.70

Water Elev: 362 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1228-16	0.0	SM	Moist, loose to medium dense, light gray, fine SAND, some silt, little shells throughout sample, strong sulfur odor.	Vibracore	Marl
		OL-1228-17	4.7	SM	Moist, medium dense, light gray, fine SAND, some silt, trace shells throughout, strong sulfur odor.	Vibracore	
		OL-1228-18	5.5	SM	Moist, medium dense, light gray, fine to medium SAND, some silt, little shells throughout, strong sulfur odor.	Vibracore	
		OL-1228-19	6.0	SM	Moist, loose, light gray, fine SAND, some silt, low plasticity, trace shells throughout, strong sulfur odor.	Vibracore	
9.5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70145

Date: 05/27/2010

Weather: High 80s, winds W 5-15mph, cloudy w/T-storms

Northing: 1116429.47

Easting: 927261.79

Mud Line: 360.6 Ft

Surface Water Depth: 1.4 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 12.00

Core Recovery Depth: 10.40

Water Elev: 362 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1227-11	0.0	SM	Moist, dense, light gray, fine to medium SAND, some silt, micaceous, little fine to medium subround gravel, organic odor.	Vibracore	Sand
		OL-1227-12	5.4	SM	Moist, dense, gray, fine to very fine SAND, some silt, micaceous, dense, petroleum-like odor.	Vibracore	
		OL-1227-13	5.6	SM	Moist, dense, gray, medium to fine SAND, some silt, micaceous, trace fine gravel, strong petroleum-like odor.	Vibracore	
		OL-1227-14	45.0	SM	Moist, dense, gray, medium to fine SAND, some silt, micaceous, trace fine gravel, strong petroleum-like odor.	Vibracore	
		OL-1227-15	9.1	SM	Moist, loose, dark gray, medium to fine SAND, some silt, micaceous, trace shells, strong petroleum odor.	Vibracore	
		OL-1227-16	5.6	SM	Moist, loose, dark gray, medium to fine SAND, some silt, micaceous, strong petroleum-like odor.	Vibracore	
		OL-1227-17	0.0	SM	Moist, loose, dark gray, medium to fine SAND, some silt, micaceous, strong petroleum-like odor.	Vibracore	
							Silt
		OL-1227-18	0.0	SM	Moist, moderately dense, light gray, fine SAND, some silt, shells throughout, strong sulfur odor.	Vibracore	
		OL-1227-19	0.0	SM	Moist, loose, light gray, very fine SAND, some silt, shells throughout, sulfur odor.	Vibracore	
		OL-1227-20	1.0	SM	Moist, loose, light gray, fine SAND, some silt, little shells throughout, sulfur odor.	Vibracore	
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70145

Date: 05/27/2010

Weather: High 80s, winds W 5-15mph, cloudy w/T-storms

Honeywell

Northing: 1116429.47

Easting: 927261.79

Mud Line: 360.6 Ft

Surface Water Depth: 1.4 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 12.00

Core Recovery Depth: 10.40

Water Elev: 362 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1228-01	8.9	SM	Moist, loose, light gray, fine SAND, some silt, little shells throughout, sulfur odor.	Vibracore	Silt
		OL-1228-03	0.0	SM	Moist, very soft, light gray, fine SAND, some silt, little shells throughout, sulfur odor.	Vibracore	
		OL-1228-04	10.0	ML	Moist, very soft, light gray, SILT, low plasticity, little clay, little shells throughout, sulfur odor.	Vibracore	
		OL-1228-05	5.6	ML	Moist, very soft, light gray, SILT, some clay, little shells throughout sample, sulfur odor.	Vibracore	
9.5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70146

Date: 05/27/2010

Weather: High 80s, winds W 5-15mph, cloudy w/T-storms

Northing: 1116470.69

Easting: 927279.43

Mud Line: 360.6 Ft

Surface Water Depth: 1.4 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 12.00

Core Recovery Depth: 10.90

Water Elev: 362 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0			0.0	SM	Moist, dense, light brown to dark gray, fine SAND, some silt, micaceous, trace organic plant debris, light petroleum-like odor.		Sand
		OL-1221-09	0.0	SM	Moist, dense, light brown to gray, fine SAND, some silt, micaceous, trace organic, light petroleum-like odor.	Vibracore	
		OL-1221-10	0.0	SM	Moist, dense, brown to gray, medium to fine SAND, some silt, micaceous, little shells, trace organic, light petroleum-like odor.	Vibracore	
		OL-1221-11	0.0	SM	Moist, dense, brown, medium to fine SAND, some silt, micaceous, dense, trace shells, organic material, light petroleum-like odor.	Vibracore	
		OL-1221-12	0.0	SM	Moist, dense, brown, medium to fine SAND, some silt, micaceous, little organic material, trace shells, petroleum-like odor.	Vibracore	
		OL-1221-13	0.0	SM	Moist, dense, brown, fine to medium SAND, some silt, micaceous, dense, little shells, trace organic, petroleum-like odor.	Vibracore	
		OL-1221-14	0.0	SM	Moist, dense, brown to light gray, medium to fine SAND, some shells, trace silt, dense, sulfur odor, MARL.	Vibracore	
							Marl
		OL-1221-15	0.0	SM	Wet, medium dense, light gray, fine SAND, some silt, micaceous, sulfur odor, MARL.	Vibracore	
		OL-1221-17	0.0	SM	Moist, medium dense, light gray, fine SAND, some silt, little shells throughout, sulfur odor, MARL.	Vibracore	Marl
		OL-1221-18	0.0	SM	Moist, medium dense, light gray, fine SAND, some silt, little shells throughout, sulfur odor, MARL.	Vibracore	Marl
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70146

Date: 05/27/2010

Weather: High 80s, winds W 5-15mph, cloudy w/T-storms

Northing: 1116470.69

Easting: 927279.43

Mud Line: 360.6 Ft

Surface Water Depth: 1.4 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 12.00

Core Recovery Depth: 10.90

Water Elev: 362 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1221-19	0.0	SM	Moist, loose, light gray, fine SAND, some silt, little shells, sulfur odor, MARL.	Vibracore	Marl
		OL-1223-01	0.0	SM	Moist, loose, light gray, fine to very fine SAND, some silt, little shells, sulfur odor, MARL.	Vibracore	
		OL-1223-02	0.0	SM	Moist, medium dense, light gray, fine SAND, some silt, little shells, sulfur odor.	Vibracore	
		OL-1223-03	0.0	SM	Moist, loose, light gray, medium to fine SAND, little silt, trace shells, sulfur odor, MARL.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70147

Date: 05/26/2010

Weather: Low 90s, winds NW 5-15mph, sunny

Honeywell

Northing: 1117023.10

Easting: 927268.90

Mud Line: 360.4 Ft

Surface Water Depth: 2.2 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 8.40

Water Elev: 362.6 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1217-09	0.0	SM	Moist, loose, dark brown, fine to medium SAND, little silt, organic odor.	Vibracore	Sand
		OL-1217-10	0.0	SM	Moist, loose, dark brown, fine to medium SAND, little silt, trace organics, organic odor.	Vibracore	
		OL-1217-11	0.0	SM	Moist, loose, dark brown, fine to medium SAND, trace silt, organic odor.	Vibracore	
		OL-1217-12	0.0	SM	Moist, loose, dark brown, fine to medium SAND, little silt, trace organics, slight petroleum-like odor.	Vibracore	
		OL-1217-13	0.4	SM	Moist, loose, dark brown, fine to medium SAND, little silt, trace organics, slight petroleum-like odor.	Vibracore	
		OL-1217-14	0.2	SM	Moist, loose, dark grey, fine SAND, little micaceous silt, petroleum-like odor.	Vibracore	
		OL-1217-15	0.0	SM	Moist, loose, dark grey, fine SAND, little micaceous silt, trace varved clay, petroleum-like odor.	Vibracore	
		OL-1217-16	0.5	SM	Wet, loose, grey, fine SAND, some silt, trace shells, sulfur odor, MARL.	Vibracore	Marl
		OL-1217-17	0.6	ML	Wet, soft, grey brown, SILT, little fine sand, some shells, sulfur odor, MARL.	Vibracore	
		OL-1217-18	0.9	ML	Wet, soft, grey brown, SILT, little fine sand, some shells, sulfur odor, MARL.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70147

Date: 05/26/2010

Weather: Low 90s, winds NW 5-15mph, sunny

Northing: 1117023.10

Easting: 927268.90

Mud Line: 360.4 Ft

Surface Water Depth: 2.2 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 8.40

Water Elev: 362.6 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1217-19	0.1	ML	Wet, soft, grey brown, SILT, little fine sand, some shells, sulfur odor, MARL.	Vibracore	Marl
		OL-1217-20	0.1	ML	Wet, soft, grey brown, SILT, little fine sand, some shells, sulfur odor, MARL.	Vibracore	
		OL-1217-21	1.2	ML	Wet, soft, grey brown, SILT, little fine sand, some shells, sulfur odor, MARL.	Vibracore	
8.0							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70148

Date: 05/26/2010

Weather: Low 90s, winds NW 5-15mph, sunny

Honeywell

Northing: 1117015.30

Easting: 926450.90

Mud Line: 354.7 Ft

Surface Water Depth: 7.8 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1211-14	0.0	SM	Wet, loose, dark grey, fine SAND, some silt, trace organics, organic odor.	Vibracore	Sand
		OL-1211-15	0.3	SM	Wet, loose, dark grey, fine SAND, some silt, trace shells, trace organics, organic odor.	Vibracore	
		OL-1211-16	1.0	ML	Wet, soft, dark grey, SILT, little fine sand, trace shells, trace organics, strong organic odor.	Vibracore	Silt
		OL-1211-17	0.0	ML	Wet, soft, dark grey, SILT, little fine sand, trace shells, trace organics, strong organic odor.	Vibracore	
		OL-1211-19	0.0	ML	Wet, loose, dark grey and black, SILT, some fine sand, trace clay, strong organic odor.	Vibracore	
		OL-1211-20	0.0	ML	Wet, loose, dark grey and black, SILT, some fine sand, trace clay, strong organic odor.	Vibracore	
		OL-1212-01	0.0	ML	Wet, loose, dark grey and black, SILT, some fine sand, trace clay, strong organic odor.	Vibracore	
		OL-1212-02	1.5	ML	Wet, soft, black, SILT, trace fine sand, trace organics, organic odor, slight petroleum-like odor.	Vibracore	
		OL-1212-03	5.0	ML	Wet, soft, black, SILT, trace fine sand, trace organics, organic odor, slight petroleum-like odor.	Vibracore	
		OL-1212-05	6.0	ML	Wet, soft, black, SILT, trace fine sand, trace organics, organic odor, slight petroleum-like odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70148

Date: 05/26/2010

Weather: Low 90s, winds NW 5-15mph, sunny

Northing: 1117015.30

Easting: 926450.90

Mud Line: 354.7 Ft

Surface Water Depth: 7.8 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: H. PHILIP

Penetration Depth: 12.00

Core Recovery Depth: 10.00

Water Elev: 362.5 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1212-06	5.0	ML	Wet, soft, black, SILT, trace fine sand, trace clay, trace organics, organic odor, slight petroleum-like odor.	Vibracore	Silt
		OL-1212-07	9.0	ML	Wet, soft, brown and dark grey, SILT, trace fine sand, trace clay, trace organics, organic odor, slight petroleum-like odor.	Vibracore	
		OL-1212-08	7.0	ML	Wet, soft, brown and dark grey mottling, SILT, trace fine sand, trace clay, trace organics, organic odor, slight petroleum-like odor.	Vibracore	
		OL-1212-09	8.5	ML	Wet, soft, brown and dark grey, SILT, trace fine sand, trace clay, trace organics, organic odor, slight petroleum-like odor.	Vibracore	
9.5							

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70148A

Date: 05/27/2010

Weather: High 80s, winds W 5-15mph, cloudy w/T-storms

Honeywell

Northing: 1117011.57

Easting: 926446.15

Mud Line: 354.4 Ft

Surface Water Depth: 7.6 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 12.00

Core Recovery Depth: 10.90

Water Elev: 362 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1223-04	0.0	SM	Moist, dense, dark gray, fine to medium SAND, some silt, little organic material, roots, plant material, strong petroleum-like odor.	Vibracore	Sand
		OL-1223-05	0.0	SM	Moist, dense, dark gray, fine to medium SAND, some silt, little organic material, roots, plant material, strong petroleum-like odor.	Vibracore	
		OL-1223-06	0.0	SM	Moist, loose, dark gray, fine SAND, some silt, little delterious organic, trace shells, petroleum-like odor.	Vibracore	
		OL-1223-07	0.0	SM	Moist, loose, dark gray to black, fine to medium SAND, trace silt, petroleum-like odor.	Vibracore	
		OL-1223-08	0.0	SM	Moist, very loose, dark gray to black, fine SAND, some organic material, strong petroleum-like odor.	Vibracore	
		OL-1223-09	0.0	SM	Moist, very loose, dark gray to black, fine SAND, some organic material, strong petroleum-like odor.	Vibracore	
		OL-1223-10	0.0	SM	Moist, very loose, dark gray, fine SAND, little silt, micacious, very loose, petroleum-like odor.	Vibracore	
		OL-1223-11	1.3	OL	Moist, very soft, dark gray to black, ORGANIC MUD, strong petroleum-like odor.	Vibracore	Organic Mud
		OL-1223-13	7.8	OL	Moist, very loose, dark gray to black, ORGANIC MUD, very strong petroleum-like odor.	Vibracore	Organic Mud
		OL-1223-14	11.6	OH	Moist, very loose to soft, dark gray to black, CLAY, very soft, high plasticity, some organic material, strong petroleum-like odor.	Vibracore	Organic Clay
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70148A

Date: 05/27/2010

Weather: High 80s, winds W 5-15mph, cloudy w/T-storms

Northing: 1117011.57

Easting: 926446.15

Mud Line: 354.4 Ft

Surface Water Depth: 7.6 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 12.00

Core Recovery Depth: 10.90

Water Elev: 362 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1223-15	53.8	OH	Moist, very soft, dark gray to black, CLAY, soft, high plasticity, some organic material, strong petroleum-like odor.	Vibracore	Organic Clay
		OL-1223-16	22.0	OH	Moist, very soft, dark gray to black, CLAY, high plasticity, high organic content, very strong petroleum-like odor.	Vibracore	
		OL-1223-17	23.0	OH	Moist, very soft, dark gray to black, CLAY, high plasticity, high organic content, very strong petroleum-like odor.	Vibracore	
		OL-1223-18	29.0	OH	Moist, very soft, dark gray to black, CLAY, high plasticity, high organic content, very strong petroleum-like odor.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70149

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers



Northing: 1117314.33

Easting: 926439.69

Mud Line: 349.8 Ft

Surface Water Depth: 12.8 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.10

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1234-16	0.0	ML	Wet, very soft, loose, dark gray, SILT, little organic material, little fine sand, organic odor.	Vibracore	Silt
		OL-1234-17	0.0	ML	Wet, very soft to loose, dark gray, SILT, some fine sand, trace organic material, light petroleum-like odor.	Vibracore	
		OL-1234-18	0.0	ML	Wet, very soft to loose, dark gray, SILT, some fine sand, trace organic material, light petroleum-like odor.	Vibracore	
		OL-1234-19	0.0	ML	Wet, loose, moderately dense, dark gray, SILT, high plasticity, some fine sand, strong petroleum-like odor.	Vibracore	
		OL-1234-20	0.0	ML	Wet, very soft, loose, dark gray, SILT, some fine sand, trace organic material, very strong petroleum-like odor.	Vibracore	
		OL-1235-01	0.0	ML	Wet, very soft, loose, dark gray, SILT, some fine sand, trace organic material, very strong petroleum-like odor.	Vibracore	
		OL-1235-02	0.0	ML	Wet, very soft, loose, dark gray, SILT, some fine sand, trace organic material, very strong petroleum-like odor.	Vibracore	
		OL-1235-03	0.0	ML	Wet, very soft, loose, dark gray, SILT, some fine sand, trace organic material, very strong petroleum-like odor.	Vibracore	Silt
		OL-1235-05	0.0	ML	Moist, loose, soft, dark gray, SILT, some fine sand, little organic material, strong petroleum-like odor.	Vibracore	
		OL-1235-06	0.0	ML-CL	Moist, very soft, dark gray, SILT and Clay, trace organic material throughout, strong petroleum-like odor.	Vibracore	Silt and Clay
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70149

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers

Northing: 1117314.33

Easting: 926439.69

Mud Line: 349.8 Ft

Surface Water Depth: 12.8 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 12.00

Core Recovery Depth: 11.10

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1235-07	0.0	ML-CL	Moist, very soft, dark gray, SILT and Clay, trace organic material throughout, strong petroleum-like odor.	Vibracore	Silt and Clay
		OL-1235-08	0.0	OH	Moist, medium stiff to stiff, dark brown to dark gray, CLAY, high plasticity, some silt, strong organic odor.	Vibracore	Clay
		OL-1235-09	0.0	ML	Moist, soft, light gray, SILT, low plasticity, some shells throughout, strong sulfur odor, MARL.	Vibracore	Marl
		OL-1235-10	0.0	ML	Moist, stiff, light gray, SILT, some fine sand, trace clay, shells throughout, sulfur odor, MARL.	Vibracore	

9.5

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70150

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20 mph, showers

Honeywell

Northing: 1118085.80

Easting: 926318.03

Mud Line: 337.9 Ft

Surface Water Depth: 24.7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 12.00

Core Recovery Depth: 9.50

Water Elev: 362.6 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1230-01	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	Silt
		OL-1230-02	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1230-03	0.2	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1230-04	0.0	ML	Wet, very soft, black, SILT, trace organic material, slight petroleum-like odor.	Vibracore	
		OL-1230-05	0.1	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1230-06	0.0	ML	Wet, very soft, black, SILT, slight organic odor.	Vibracore	
		OL-1230-07	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1230-08	1.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1230-10	0.0	ML	Wet, very soft, black, SILT, trace organic material, slight petroleum-like odor.	Vibracore	
		OL-1230-11	0.0	ML	Wet, very soft, black, SILT, trace organic material, strong petroleum-like odor.	Vibracore	
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70151

Date: 05/27/2010

Weather: High 80s, winds W 5-15 mph, cloudy



Northing: 1116209.23

Easting: 927034.50

Mud Line: 361.3 Ft

Surface Water Depth: 0.7 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 10.00

Core Recovery Depth: 8.20

Water Elev: 362 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1218-01	0.0	SM	Moist, loose, black, fine SAND, little silt, micacious, trace gravel, petroleum-like odor.	Vibracore	SAND
		OL-1218-02	0.0	SM	Moist, loose, black, fine SAND, little silt, micacious, trace gravel, coarse angular, petroleum-like odor.	Vibracore	
		OL-1218-03	0.0	SM	Moist, loose, black, fine SAND, little silt, micacious, trace clay.	Vibracore	
		OL-1218-04	0.0	SM	Moist, loose, black to gray, fine to very fine SAND, some silt, little shells, trace clay, petroleum-like odor.	Vibracore	
		OL-1218-05	0.0	SM	Wet, loose, black to gray fine SAND, fine, some silt, micacious, little clay, petroleum-like odor.	Vibracore	
		OL-1218-06	0.0	SM	Moist, loose, light gray to dark gray, medium to fine SAND, little shells, some silt, trace gravel, organic odor.	Vibracore	
		OL-1218-07	0.0	SM	Wet, loose, light gray, medium to fine SAND, some shells, little silt, trace organic wood, delterious organics, petroleum-like odor.	Vibracore	MARL
		OL-1218-08	0.0	SM	Moist, medium dense, light gray, medium to fine SAND, little silt, trace shells, sulfur odor, MARL.	Vibracore	
		OL-1218-09	0.0	SM	Moist, loose, light gray, fine SAND, little shells, trace silt, loose, sulfur odor, MARL.	Vibracore	
		OL-1218-10	0.0	SM	Moist to wet, loose, light gray, fine SAND, some shells, little silt, sulfur odor, MARL.	Vibracore	
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70151

Date: 05/27/2010

Weather: High 80s, winds W 5-15 mph, cloudy



Northing: 1116209.23

Easting: 927034.50

Mud Line: 361.3 Ft

Surface Water Depth: 0.7 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 10.00

Core Recovery Depth: 8.20

Water Elev: 362 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1218-11	0.0	SM	Moist to wet, loose, light gray, fine SAND, some shells, little silt, sulfur odor, MARL.	Vibracore	MARL
		OL-1218-12	0.0	SM	Moist to wet, loose, light gray, fine SAND, some shells, little silt, sulfur odor, MARL.	Vibracore	
		OL-1218-14	0.0	SM	Wet, loose, light gray, fine SAND, some silt, little shells, strong sulfur odor, MARL.	Vibracore	
8.0							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70152

Date: 05/28/2010

Weather: High 70s, winds E 5-10mph, mix sun & clouds

Honeywell

Northing: 1116355.94

Easting: 927266.71

Mud Line: 361 Ft

Surface Water Depth: 1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 11.00

Core Recovery Depth: 7.20

Water Elev: 362 Ft

Attempts: 4

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1225-11	1.0	SW	Moist, loose, dark gray medium to fine SAND, some fine to coarse, subround gravel, trace shells, strong petroleum-like odor.	Vibracore	SAND
		OL-1225-12	3.0	SW	Moist, medium dense, dark gray, medium to fine SAND, some medium to fine, subround gravel, trace shells, strong petroleum-like odor.	Vibracore	
		OL-1225-13	5.0	SW	Moist, medium dense, dark gray, fine to medium SAND, some medium to fine, subround gravel, trace shells, strong petroleum-like odor.	Vibracore	
		OL-1225-14	5.0	SW	Moist, loose, dark gray medium to fine SAND, little fine subround gravel, loose, strong petroleum-like odor.	Vibracore	
		OL-1225-15	0.0	SW	Moist, loose, olive gray, medium to fine SAND, little medium to fine subround gravel, loose, petroleum-like odor.	Vibracore	
		OL-1225-16	0.0	SW	Moist, loose, olive gray, medium to fine SAND, little silt, trace oncolytes throughout sample, sulfur odor.	Vibracore	
		OL-1225-17	0.5	SW	Moist, medium dense, olive gray, medium to fine SAND, little silt, micaceous, dense, oncolytes throughout sample, trace fine, subangular gravel, sulfur odor.	Vibracore	
							MARL
		OL-1225-18	1.0	SM	Moist, wet, loose, light gray, fine to very fine SAND, some silt, shells throughout, strong sulfur odor.	Vibracore	
		OL-1225-19	1.0	SM	Moist, wet, loose, light gray, fine to very fine SAND, some silt, shells throughout, strong sulfur odor.	Vibracore	
		OL-1225-20	8.3	SM	Wet, loose, light gray, fine to very fine SAND, some silt, oncolytes throughout sample, strong sulfur odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70152

Date: 05/28/2010

Weather: High 70s, winds E 5-10mph, mix sun & clouds

Northing: 1116355.94

Easting: 927266.71

Mud Line: 361 Ft

Surface Water Depth: 1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: B. MCALLISTER

Penetration Depth: 11.00

Core Recovery Depth: 7.20

Water Elev: 362 Ft

Attempts: 4

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1226-01	12.4	SM	Wet, loose, light gray, fine to very fine SAND, some silt, oncolytes throughout sample, strong sulfur odor.	Vibracore	MARL
		OL-1226-02	12.0	SM	Wet, loose, light gray, fine to very fine SAND, some silt, oncolytes throughout sample, strong sulfur odor.	Vibracore	
6.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70153

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, sun & clouds

Honeywell

Northing: 1116529.44

Easting: 927483.95

Mud Line: 361.7 Ft

Surface Water Depth: 0.8 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 11.50

Core Recovery Depth: 8.90

Water Elev: 362.5 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1253-09	0.0	SM	Wet, loose, black, fine to coarse SAND, trace fine to coarse gravel, some wood fragments, sewage-like odor.	Vibracore	SAND
		OL-1253-10	0.0	SM	Wet, loose, black, fine to coarse SAND, trace fine to coarse gravel, sewage-like odor.	Vibracore	
		OL-1253-11	0.0	SM	Wet, loose, black, fine to coarse SAND, trace fine to coarse gravel, sewage-like odor.	Vibracore	
		OL-1253-12	0.0	SM	Wet, loose, black, fine to coarse SAND, trace fine to coarse gravel, trace wood fragments, sewage-like odor.	Vibracore	
		OL-1253-13	0.0	SM	Wet, loose, black, fine to coarse SAND, trace fine gravel, trace organic material, sewage odor.	Vibracore	
		OL-1253-14		SM	Wet, loose, black, fine to coarse SAND, trace fine gravel, sewage odor.	Vibracore	
		OL-1253-15	0.0	SM	Wet, loose, black, fine to coarse SAND, trace fine gravel, sewage odor.	Vibracore	
		OL-1253-16	0.0	SM	Wet, loose, light to dark brown, fine to coarse SAND, little silt, trace shells, sulfur odor.	Vibracore	MARL
		OL-1253-18	0.0	SM	Wet, loose, light brown, medium to fine SAND, some silt, trace fine gravel, sulfur odor.	Vibracore	
		OL-1253-19	0.0	SM	Wet, medium dense, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	
5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70153

Date: 06/04/2010

Weather: Low 80s, winds NW 0-10mph, sun & clouds

Northing: 1116529.44

Easting: 927483.95

Mud Line: 361.7 Ft

Surface Water Depth: 0.8 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 11.50

Core Recovery Depth: 8.90

Water Elev: 362.5 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1253-20	0.0	SM	Wet, medium dense, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	MARL
		OL-1254-01	1.8	SM	Wet, medium dense, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	
		OL-1254-02	2.7	SM	Wet, medium dense, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	
8.0							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70154

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers



Honeywell

Northing: 1116653.34

Easting: 927625.02

Mud Line: 361.8 Ft

Surface Water Depth: 1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 11.00

Core Recovery Depth: 9.50

Water Elev: 362.8 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1238-01	1.2	GP	Moist, very loose, black, fine to coarse GRAVEL, trace fine to coarse sand, trace cobbles, trace wood fragments.	Vibracore	Gravel
		OL-1238-02	6.3	GP	Moist, very loose, black, fine to coarse GRAVEL, trace fine to coarse sand, trace cobbles.	Vibracore	
		OL-1238-03	7.9	GP	Moist, very loose, black, fine to coarse GRAVEL, trace fine to coarse sand, trace cobbles. Petroleum-like odor.	Vibracore	
		OL-1238-04	3.0	GP	Moist, very loose, black, fine to coarse GRAVEL, trace fine to coarse sand, trace cobbles. Petroleum-like odor.	Vibracore	
		OL-1238-05	7.8	GP	Moist, very loose, black, fine to coarse GRAVEL, trace fine to coarse sand, trace cobbles. Petroleum-like odor.	Vibracore	
		OL-1238-06	15.9	SP	Moist, loose, black, fine to coarse SAND, some fine to coarse gravel, little silt, trace wood fragments, petroleum like odor.	Vibracore	SAND
		OL-1238-07	10.6	SP	Moist, loose, black, fine to coarse SAND, some fine to coarse gravel, little silt, trace wood fragments, petroleum like odor.	Vibracore	
		OL-1238-08	11.2	SM-PT	Wet, very loose, black, fine to coarse SAND and Peat, little medium to coarse gravel, strong chemical like odor.	Vibracore	Bedrock
		OL-1238-10	1.2	SM-PT	Wet, very loose, black, fine to coarse SAND and Peat, little medium to coarse gravel, trace shells sulfur like odor.	Vibracore	
		OL-1238-11	11.0	SM	Wet, loose, light gray to light brown, fine SAND, some organic material, trace shells, sulfur odor.	Vibracore	
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70154

Date: 06/01/2010

Weather: Mid 70s, winds W-SW 10-20mph, showers



Honeywell

Northing: 1116653.34

Easting: 927625.02

Mud Line: 361.8 Ft

Surface Water Depth: 1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 11.00

Core Recovery Depth: 9.50

Water Elev: 362.8 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1238-12	16.1	SM	Wet, very loose, light brown, medium to fine SAND, some silt, trace shells, sulfur odor, marl.	Vibracore	Marl
		OL-1238-13	6.5	SM	Wet, very loose, light brown, medium to fine SAND, some silt, trace shells, sulfur odor, marl.	Vibracore	
		OL-1238-14	9.3	SM	Wet, very loose, light brown, medium to fine SAND, some silt, trace shells, sulfur odor, marl.	Vibracore	
		OL-1238-15	31.0	SM	Wet, very loose, light brown, medium to fine SAND, some silt, trace shells, sulfur odor, marl.	Vibracore	
9.5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70155

Date: 06/08/2010

Weather: Low 70s, winds W-NW 10-20mph, mostly sunny

Honeywell

Northing: 1116569.34

Easting: 927220.28

Mud Line: 360.6 Ft

Surface Water Depth: 2.6 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 12.00

Core Recovery Depth: 11.70

Water Elev: 363.2 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1270-01	0.3	SM	Moist, medium dense, black, fine to medium SAND, trace organic material, slight petroleum like odor.	Vibracore	Sand
		OL-1270-02	0.3	SM	Moist, medium dense, black, fine to medium SAND, trace organic material, slight petroleum like odor.	Vibracore	
		OL-1270-03	0.6	SM	Moist, medium dense, black, fine to medium SAND, trace organic material, slight petroleum like odor.	Vibracore	
		OL-1270-04	0.5	SM	Moist, medium dense, light brown to black, fine to medium SAND, little silt, trace organic material, slight petroleum like odor.	Vibracore	
		OL-1270-05	0.4	SM	Wet, loose, light brown to dark gray, fine to coarse SAND, some silt, trace shells, petroleum like odor.	Vibracore	
		OL-1270-06	1.1	SM	Wet, loose, light brown to dark gray, fine to coarse SAND, some silt, trace shells, petroleum like odor, slight sulfur odor.	Vibracore	
		OL-1270-07	0.6	SM	Wet, loose, light brown to dark gray, fine to coarse SAND, some silt, trace shells, sulfur odor, slight petroleum like odor.	Vibracore	
							Marl
		OL-1270-08	0.0	SM	Wet, loose, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	
		OL-1270-10	0.6	SM	Wet, loose, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	
		OL-1270-11	0.0	SM	Wet, loose, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	
5							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70155

Date: 06/08/2010

Weather: Low 70s, winds W-NW 10-20mph, mostly sunny

Honeywell

Northing: 1116569.34

Easting: 927220.28

Mud Line: 360.6 Ft

Surface Water Depth: 2.6 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: M. VETTER

Penetration Depth: 12.00

Core Recovery Depth: 11.70

Water Elev: 363.2 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
5		OL-1270-12	0.3	SM	Wet, loose, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	Marl
		OL-1270-13	0.6	SM	Wet, loose, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	
		OL-1270-14	0.2	SM	Wet, loose, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	
		OL-1270-15	0.3	SM	Wet, loose, light brown, fine to coarse SAND, some silt, trace shells, sulfur odor.	Vibracore	
9.5							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80157

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1130038.59

Easting: 914170.46

Mud Line: 304.5 Ft

Surface Water Depth: 58 Ft

Driller: Anchor - QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1213-05	0.0	ML	Wet, very soft, dark brown, SILT, slight organic odor.	PUSH CORE	Silt
		OL-1213-06	0.0	ML	Wet, very soft, black, SILT, trace organic material, organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80158

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1130137.92

Easting: 914965.31

Mud Line: 304.5 Ft

Surface Water Depth: 58 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1213-07	0.0	ML	Wet, very soft, black, SILT, organic odor.	PUSH CORE	Silt
		OL-1213-08	0.0	ML	Wet, very soft, black, SILT, trace organic material, strong organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80159

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1129236.22

Easting: 914718.07

Mud Line: 305.5 Ft

Surface Water Depth: 57 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1213-03	0.0	ML	Wet, very soft, black, SILT, organic odor.	PUSH CORE	Silt
		OL-1213-04	0.0	ML	Wet, very soft, black, SILT, organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80160

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1127737.48

Easting: 914453.14

Mud Line: 330.5 Ft

Surface Water Depth: 32 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1210-13	0.0	ML	Wet, very soft, dark brown, SILT, slight organic odor.	PUSH CORE	Silt
		OL-1210-14	0.0	ML	Wet, very soft, light to dark brown, SILT, organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80161

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1127626.87

Easting: 914743.93

Mud Line: 327.5 Ft

Surface Water Depth: 35 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1210-11	0.0	ML	Wet, very soft, light brown, SILT	PUSH CORE	Silt
		OL-1210-12	0.0	ML	Wet, very soft, medium brown, SILT.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80162

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1127234.91

Easting: 914915.80

Mud Line: 331.5 Ft

Surface Water Depth: 31 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1206-19		ML	Wet, very soft, dark brown, SILT.	PUSH CORE	
		OL-1206-20		ML	Wet, very soft, dark brown, SILT.	PUSH CORE	Silt
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80163

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1127283.65

Easting: 915319.91

Mud Line: 323.5 Ft

Surface Water Depth: 39 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1210-09	0.0	ML	0-1 in: wet, very soft, light brown, SILT, trace organic material; remainder of interval: wet, very soft, brown, SILT.	PUSH CORE	Silt
		OL-1210-10	0.0	ML	Wet, very soft, black, SILT.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80164

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1127194.20

Easting: 915962.10

Mud Line: 329.5 Ft

Surface Water Depth: 33 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1213-09	0.0	ML	Wet, very soft, medium brown, SILT, slight organic odor.	PUSH CORE	Silt
		OL-1213-10	0.0	ML	Wet, very soft, dark brown, SILT, slight organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80165

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1125135.38

Easting: 918684.88

Mud Line: 329.5 Ft

Surface Water Depth: 33 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1206-17		ML	0-0.75 in: wet, very soft, brown, SILT; remainder of interval: wet, very soft, dark brown, SILT.	PUSH CORE	
		OL-1206-18		ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	Silt
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80166

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1125177.14

Easting: 919153.76

Mud Line: 310.5 Ft

Surface Water Depth: 52 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1210-01		ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	
		OL-1210-02		ML	Wet, very soft, black, SILT, trace organic material, slight organic odor.	PUSH CORE	Silt
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80167

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1124830.72

Easting: 918868.02

Mud Line: 329.5 Ft

Surface Water Depth: 33 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1210-03		ML	0-1 in: wet, very soft, light brown, SILT; remainder of interval: wet, very soft, brown, SILT.	PUSH CORE	
		OL-1210-04		ML	wet, very soft, dark brown, SILT, trace organic material, slight organic odor.	PUSH CORE	Silt
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80168

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1124624.00

Easting: 919063.21

Mud Line: 327.5 Ft

Surface Water Depth: 35 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1210-05	0.0	ML	0-1 in: wet, very soft, light brown, SILT; remainder of interval: wet, very soft, dark brown, SILT.	PUSH CORE	Silt
		OL-1210-06	0.0	ML	Wet, very soft, light to dark brown, SILT, organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80169

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1123460.85

Easting: 920322.48

Mud Line: 310.5 Ft

Surface Water Depth: 52 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1210-07	0.0	ML	Wet, very soft, dark brown to black, SILT, organic odor.	PUSH CORE	Silt
		OL-1210-08	0.0	ML	Wet, very soft, dark brown to black, SILT, organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80170

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1120566.33

Easting: 921594.48

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1204-07	0.2	ML	0 to 1 inch is wet, very soft, light brown, SILT, fluff. Rest of interval is wet, very soft, dark brown, SILT.	PUSH CORE	Silt
		OL-1204-08	0.2	ML	Wet, very soft, black, SILT, trace organics.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80171

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1120213.55

Easting: 922384.13

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units:

Depth	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1204-09	0.2	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	Silt
		OL-1204-10	0.2	ML	Wet, black, very soft, SILT, slight organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80172

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1120962.72

Easting: 925564.29

Mud Line: 308.3 Ft

Surface Water Depth: 54 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1206-07	0.1	ML	0-0.5 in: wet, very soft, brown, SILT; remainder of interval: wet, very soft, dark brown, SILT.	PUSH CORE	Silt
		OL-1206-08	0.0	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80173

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1120942.20

Easting: 927102.97

Mud Line: 317.5 Ft

Surface Water Depth: 45 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1206-11	0.0	ML	Wet, very soft, dark brown, SILT	PUSH CORE	
		OL-1206-12	0.1	ML	Wet, very soft, black, SILT, organic odor, trace organic material	PUSH CORE	Silt
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80174

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1120482.54

Easting: 926590.97

Mud Line: 319.5 Ft

Surface Water Depth: 43 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1210-19	0.0	ML	Wet, very soft, medium brown, SILT, slight organic odor.	PUSH CORE	Silt
		OL-1210-20	0.0	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80175

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1119997.27

Easting: 921716.26

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1204-05	0.0	ML	0 to 0.25 inches is wet, very soft, light brown SILT. Rest of interval is wet, very soft, dark brown black, SILT.	PUSH CORE	Silt
		OL-1204-06	0.0	ML	Wet, very soft, black, SILT.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80176

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1119756.31

Easting: 922346.39

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1204-11	0.2	ML	0 to 0.5 inches is wet, very soft, light brown, SILT fluff. Rest of interval is wet, very soft, black, SILT.	PUSH CORE	
		OL-1204-12	0.2	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	Silt
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80177

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1120167.65

Easting: 924703.25

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1205-03	0.3	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	Silt
		OL-1205-04	0.3	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80178

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1120029.61

Easting: 925595.59

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1206-05	0.1	ML	0-1 in: wet, very soft, brown, SILT; remainder of interval: wet, very soft, dark brown, SILT, slight organic odor.	PUSH CORE	Silt
		OL-1206-06	0.1	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80179

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1119914.52

Easting: 927094.92

Mud Line: 330.5 Ft

Surface Water Depth: 32 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1206-13	0.0	ML	0-1 in: wet, very soft, brown, SILT; remainder of interval: wet, very soft, dark brown, SILT, trace organic material, organic odor.	PUSH CORE	
		OL-1206-14		ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	Silt
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80180

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1119697.70

Easting: 924780.16

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1205-05	0.3	ML	0 to 0.5 inches is wet, very soft, light brown, SILT. Rest of interval is wet, very soft, dark brown to black, SILT.	PUSH CORE	Silt
		OL-1205-06	0.3	ML	Wet, very soft, black, SILT, trace organics, slight organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80181

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1119682.92

Easting: 925583.49

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1206-09	0.0	ML	0-1 in: wet, very soft, brown, SILT; remainder of interval: wet, very soft, black, SILT, organic odor.	PUSH CORE	Silt
		OL-1206-10	0.1	ML	Wet, very soft, black, SILT, organic odor.	PUSH CORE	
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80182

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1119728.93

Easting: 926073.90

Mud Line: 315.5 Ft

Surface Water Depth: 47 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID(ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1210-17	0.0	ML	0-0.5 in: wet, very soft, brown, SILT; remainder of interval: wet, very soft, dark brown, SILT, slight organic odor.	PUSH CORE	Silt
		OL-1210-18	0.0	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80183

Date: 05/19/2010

Weather: Low 60s, winds E 5-10mph, cloudy.

Northing: 1119329.54

Easting: 922774.18

Mud Line: 329.8 Ft

Surface Water Depth: 33.4 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.80

Core Recovery Depth: 1.80

Water Elev: 363.1 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1076-03	0.0	ML	0 to 1.5 inches: wet, very soft, light brown, SILT. Rest of increment: wet, very soft, black, SILT.	PUSH CORE	
		OL-1076-04	0.0	ML	Wet, very soft, black, SILT, strong petroleum-like odor.	PUSH CORE	Silt
1.8							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80184

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1119399.31

Easting: 922925.20

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1204-01	0.0	ML	0 to 1 inch is wet, very soft, light brown SILT, fluff. Rest of interval is wet, very soft, black, SILT.	PUSH CORE	Silt
		OL-1204-02	0.0	ML	Wet, very soft, black SILT, and trace organics.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80185

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1119275.43

Easting: 923576.34

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1205-13	0.3	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	Silt
		OL-1205-14	0.3	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80186

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1119220.07

Easting: 924197.31

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1205-01	0.3	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	Silt
		OL-1205-02	0.3	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80187

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1119352.59

Easting: 924807.22

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1205-11	0.3	ML	0 to 0.25 wet, very soft, light brown SILT. Rest of interval is wet, very soft, black, SILT.	PUSH CORE	Silt
		OL-1205-12	0.3	ML	Wet, very soft, black, SILT, trace organics, slight organic odor.	PUSH CORE	
2.0							

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80188

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1119344.64

Easting: 926079.25

Mud Line: 318.3 Ft

Surface Water Depth: 44 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1205-19	0.1	ML	0-1 in: wet, very soft, brown, SILT; remainder of interval: wet, very soft, black, SILT, slight organic odor.	PUSH CORE	Silt
		OL-1205-20	0.0	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80189

Date: 05/25/2010

Weather: Mid 80s, variable winds, sunny, humid

Northing: 1119616.23

Easting: 926621.44

Mud Line: 318.5 Ft

Surface Water Depth: 44 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.53 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1210-15	0.0	ML	0-1 in: wet, very soft, brown, SILT; remainder of interval: wet, very soft, dark brown, SILT, slight organic odor.	PUSH CORE	Silt
		OL-1210-16	0.0	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80190

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1119266.82

Easting: 926437.11

Mud Line: 323.3 Ft

Surface Water Depth: 39 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1205-17	0.0	ML	0-0.75 in: wet, very soft, brown, SILT; rest of interval: wet, very soft, dark brown, SILT.	PUSH CORE	
		OL-1205-18	0.0	ML	Wet, very soft, black, SILT, slight organic odor.	PUSH CORE	Silt
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80191

Date: 05/19/2010

Weather: Low 60s, winds E 5-10mph, cloudy

Northing: 1118844.10

Easting: 923164.45

Mud Line: 324.1 Ft

Surface Water Depth: 39 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.40

Core Recovery Depth: 1.40

Water Elev: 363.1 Ft

Attempts: 4

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1076-01	0.0	ML	Top 1.5 inches: wet, light brown, very soft, SILT. Rest of interval: wet, very soft, black, SILT, trace fine sand, organic odor.	PUSH CORE	
		OL-1076-02	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor, slight sheen on sediment.	PUSH CORE	Silt
1.4							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80192

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1119013.16

Easting: 924682.45

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1204-03	0.0	ML	0 to 1.5 inches is wet, very soft, light brown, SILT. Rest of interval is wet, very soft, dark brown to black, SILT. In top 4 centimeters are half inch black varving.	PUSH CORE	Silt
		OL-1204-04	0.0	ML	Wet, very soft, black, SILT.	PUSH CORE	
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80193

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1119145.46

Easting: 925431.37

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1206-01	0.0	ML	0-1 in: wet, very soft, brown, SILT; remainder of interval: wet, very soft, dark brown, SILT, slight organic odor.	PUSH CORE	Silt
		OL-1206-02	0.0	ML	Wet, very soft, black, SILT, trace organic material, slight organic odor.	PUSH CORE	
1.0							

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80194

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1119061.45

Easting: 926727.77

Mud Line: 332.3 Ft

Surface Water Depth: 30 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1205-15		ML	0-0.5 inch: wet, very soft, brown, SILT; rest of interval: wet, very soft, dark brown, SILT	PUSH CORE	
		OL-1205-16		ML	Wet, very soft, black, SILT, trace organic material, slight organic odor.	PUSH CORE	Silt
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80195

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1118780.57

Easting: 925064.02

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1205-07		ML	0-0.5 in: wet, very soft, brown SILT; remainder of interval: wet, very soft, dark brown, SILT, slight organic odor.	PUSH CORE	
		OL-1205-08	0.3	ML	Wet, very soft, black, SILT, trace organics, slight organic odor.	PUSH CORE	Silt
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80196

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1118779.09

Easting: 925579.35

Mud Line: NA

Surface Water Depth: NA

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 2.00

Core Recovery Depth: 2.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1205-09	0.3	ML	0 to 1 inch is wet, very soft, light brown, SILT, fluff. Rest of interval is wet, very soft, dark brown to black, SILT.	PUSH CORE	
		OL-1205-10	0.3	ML	Wet, very soft, black, SILT, trace organics, slight organic odor.	PUSH CORE	Silt
2.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80197

Date: 05/24/2010

Weather: Mid 80s, winds SE 4-8mph, sunny

Northing: 1118693.63

Easting: 926481.00

Mud Line: 329.3 Ft

Surface Water Depth: 33 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.34 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1206-03	0.0	ML	0-0.5 in: wet, very soft, brown, SILT; remainder of interval: wet, very soft, dark brown, SILT, slight organic odor.	PUSH CORE	Silt
		OL-1206-04	0.0	ML	Wet, very soft, black, SILT, trace organic material, slight organic odor.	PUSH CORE	
1.0							

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80198

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1131975.17

Easting: 914005.03

Mud Line: 311.4 Ft

Surface Water Depth: 51.0 Ft

Driller: PARSONS

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1342-07	0.0	ML	Wet, very soft, dark brown, SILT.	PUSH CORE	
		OL-1342-08	0.0	ML	Wet, very soft, dark brown, SILT, trace fine sand, trace organics.	PUSH CORE	Silt
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80199

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1130707.50

Easting: 913206.19

Mud Line: 304.4 Ft

Surface Water Depth: 58.0 Ft

Driller: PARSONS

Logging Company: PARSONS

Geologist: S. WEISHAAPT

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1342-09	0.0	ML	Wet, very soft, dark brown, SILT.	PUSH CORE	Silt
		OL-1342-10	0.0	ML	Wet, very soft, dark brown, SILT, trace fine sand.	PUSH CORE	
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80200

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1130846.39

Easting: 915136.00

Mud Line: 306.4 Ft

Surface Water Depth: 56.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1343-01	0.0	ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.	PUSH CORE	Silt
		OL-1343-02	0.0	ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.	PUSH CORE	
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80201

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1129680.64

Easting: 914655.50

Mud Line: 302.4 Ft

Surface Water Depth: 60.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1343-07	0.0	ML	Wet, very soft, black, SILT.		
		OL-1343-08	0.0	ML	Wet, very soft, gray-brown, SILT, trace fine sand.		Silt
1.0							

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80202

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1128981.03

Easting: 914233.97

Mud Line: 304.4 Ft

Surface Water Depth: 58.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1343-03	0.0	ML	Wet, very soft, dark brown, SILT, trace organics.	PUSH CORE	Silt
		OL-1343-04	0.0	ML	Wet, very soft, gray to brown, SILT, trace fine sand, trace organics.	PUSH CORE	
1.0							

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80203

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1128657.65

Easting: 914918.47

Mud Line: 297.4 Ft

Surface Water Depth: 65.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1344-04	0.0	ML	Wet, very soft, dark brown, SILT, trace fine sand, trace organic material.	PUSH CORE	Silt
		OL-1344-05	0.0	ML	Wet, very soft, dark brown, SILT, trace organics.	PUSH CORE	
1.0							

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80204

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1128860.55

Easting: 915520.30

Mud Line: 293.4 Ft

Surface Water Depth: 69.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1343-16	0.0	ML	Wet, very soft, dark brown, SILT.	PUSH CORE	Silt
		OL-1343-17	0.0	ML	Wet, very soft, dark brown, SILT.	PUSH CORE	
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80205

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1127849.31

Easting: 915584.42

Mud Line: 301.4 Ft

Surface Water Depth: 61.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1344-02	0.0	ML	Wet, very soft, dark brown, SILT.	PUSH CORE	
		OL-1344-03	0.0	ML	Wet, very soft, dark brown, SILT, trace fine sand, slight sulfur odor.	PUSH CORE	Silt
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80206

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1127272.18

Easting: 918812.49

Mud Line: 308.4 Ft

Surface Water Depth: 54.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1343-20	0.0	ML	Wet, very soft, black, SILT, trace fine sand.	PUSH CORE	Silt
		OL-1344-01	0.0	ML	Wet, very soft, dark brown, SILT, trace organics.	PUSH CORE	
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80207

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1126200.71

Easting: 922858.97

Mud Line: 322.4 Ft

Surface Water Depth: 40.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1343-18	0.0	ML	Wet, very soft, dark brown, SILT.	PUSH CORE	
		OL-1343-18	0.0	ML	Wet, very soft, dark brown, SILT.	PUSH CORE	Silt
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80208

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1124587.43

Easting: 921453.68

Mud Line: 296.4 Ft

Surface Water Depth: 66.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1343-14	0.0	ML	Wet, very soft, dark brown, SILT.	PUSH CORE	Silt
		OL-1343-15	0.0	ML	Wet, very soft, dark brown, SILT.	PUSH CORE	
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80209

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1123784.88

Easting: 923792.24

Mud Line: 300.4 Ft

Surface Water Depth: 62.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1343-05	0.0	ML	Wet, very soft, black, SILT.	PUSH CORE	Silt
		OL-1343-06	0.2	ML	Wet, very soft, gray-brown, SILT, slight petroleum-like odor.	PUSH CORE	
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80210

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1122686.42

Easting: 922031.88

Mud Line: 297.4 Ft

Surface Water Depth: 65.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1343-09	0.0	ML	Wet, very soft, dark brown, SILT, trace fine sand.	PUSH CORE	
		OL-1343-10	0.2	ML	Wet, very soft, dark brown, SILT, trace organics.	PUSH CORE	Silt
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80211

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1120445.57

Easting: 927141.95

Mud Line: 329.4 Ft

Surface Water Depth: 33.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1343-11	0.0	ML	Wet, very soft, dark brown, SILT, trace fine sand.	PUSH CORE	Silt
		OL-1343-12	0.0	ML	Wet, very soft, black, SILT.	PUSH CORE	
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80212

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1119101.48

Easting: 923052.01

Mud Line: 325.4 Ft

Surface Water Depth: 37.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1341-11	0.0	ML	Wet, very soft, dark brown, silt.	PUSH CORE	Silt
		OL-1341-12	0.0	ML	Wet, very soft, light brown, silt, trace organics, slight petroleum-like odor.	PUSH CORE	
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80213

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1119046.05
Easting: 923606.46
Mud Line: 301.4 Ft
Surface Water Depth: 61.0 Ft

Driller: Anchor QEA
Logging Company: PARSONS
Geologist: S. WEISHAUP
Penetration Depth: 1.00 Core Recovery Depth: 1

Water Elev: 362.4 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1341-13	0.0	ML	Wet, very soft, black, silt.	PUSH CORE	Silt
		OL-1341-14	0.0	ML	Wet, very soft, black, silt.	PUSH CORE	
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80214

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1119237.07

Easting: 924030.96

Mud Line: 301.4 Ft

Surface Water Depth: 61.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1341-05	0.0	ML	Wet, very soft, black, silt.	PUSH CORE	
		OL-1341-06	0.0	ML	Wet, very soft, black, silt, faint petroleum-like odor.	PUSH CORE	Silt
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80215

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1118613.07

Easting: 923440.86

Mud Line: 326.4 Ft

Surface Water Depth: 36.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1341-15	0.0	ML	Wet, very soft, dark brown, silt, slight petroleum-like odor.	PUSH CORE	
		OL-1341-16	0.0	ML	Wet, very soft, black, silt, trace organics, petroleum-like odor.	PUSH CORE	Silt
1.0							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80216

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Honeywell

Northing: 1118831.92

Easting: 923852.72

Mud Line: 309.4 Ft

Surface Water Depth: 53.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1341-17	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	PUSH CORE	
		OL-1341-18	0.0	ML	Wet, very soft, dark gray, SILT.	PUSH CORE	Silt
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80217

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1119006.36

Easting: 924074.27

Mud Line: 302.4 Ft

Surface Water Depth: 60.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1341-19	0.0	ML	Wet, very soft, black, SILT.	PUSH CORE	
		OL-1341-20	0.0	ML	Wet, very soft, black, SILT.	PUSH CORE	Silt
1.0							

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80218

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid



Northings: 1118808.73

Easting: 924433.71

Mud Line: 310.4 Ft

Surface Water Depth: 52.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1341-09	0.0	ML	Wet, very soft, black, silt.	PUSH CORE	Silt
		OL-1341-10	0.0	ML	Wet, very soft, black, silt, slight petroleum-like odor.	PUSH CORE	

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80219

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1118968.67

Easting: 925253.38

Mud Line: 310.4 Ft

Surface Water Depth: 52.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1342-01	0.0	ML	Wet, very soft, dark brown, SILT, trace organic material.	PUSH CORE	
		OL-1342-02	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	PUSH CORE	Silt
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80220

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1118580.86

Easting: 925825.56

Mud Line: 324.4 Ft

Surface Water Depth: 38.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1341-07	0.0	ML	Wet, very soft, dark brown, silt.	PUSH CORE	Silt
		OL-1341-08	0.0	ML	Wet, very soft, black, silt, slight petroleum-like odor.	PUSH CORE	
1.0							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80221

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Honeywell

Northing: 1119027.31

Easting: 926051.22

Mud Line: 316.4 Ft

Surface Water Depth: 46.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1342-03	0.0	ML	Wet, very soft, dark brown, SILT.	PUSH CORE	
		OL-1342-04	0.0	ML	Wet, very soft, black, SILT.	PUSH CORE	Silt
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80222

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Northing: 1118424.60

Easting: 926024.72

Mud Line: 326.4 Ft

Surface Water Depth: 36.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1342-05	0.0	ML	Wet, very soft, dark brown, SILT.	PUSH CORE	Silt
		OL-1342-06	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	PUSH CORE	
1.0							

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80223

Date: 08/11/2010

Weather: Mid 80s, winds NW/NE 5-10 mph, humid

Honeywell

Northing: 1119438.15

Easting: 926878.49

Mud Line: 329.4 Ft

Surface Water Depth: 33.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: S. WEISHAUP

Penetration Depth: 1.00

Core Recovery Depth: 1.00

Water Elev: 362.4 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1341-01	0.0	ML	Wet, very soft, dark brown, silt, trace fine sand.	PUSH CORE	Silt
		OL-1341-02	0.0	ML	Wet, very soft, dark brown, silt, trace fine sand.	PUSH CORE	
1.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20206

Date: 06/10/2010

Weather: Low 70s cloudy w/showers, Winds WNW 15mph

Northing: 1119514.14

Easting: 921517.48

Mud Line: 360.65 Ft

Surface Water Depth: 2.5 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 11.50

Core Recovery Depth: 9.60

Water Elev: 363.15 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1297-01	1.9	SW	Wet, loose, light gray, fine to coarse SAND, some cemented chunks throughout, petroleum-like odor.	Vibracore	Fine to coarse Sand
		OL-1297-02	1.3	SW	Wet, loose, light gray, fine to coarse SAND, some cemented chunks throughout, petroleum-like odor.	Vibracore	
		OL-1297-03	4.0	SW	Wet, loose, light gray, fine to coarse SAND, some cemented chunks throughout, petroleum-like odor.	Vibracore	
		OL-1297-04	0.3	SW	Wet, loose, light gray, fine to coarse SAND, trace silt, some cemented chunks throughout, petroleum-like odor and sulfur-like odor.	Vibracore	
		OL-1297-05	1.3	ML	0-7 inches -Wet, loose, light gray, fine to coarse SAND, trace silt, some cemented chunks throughout, petroleum-like odor and sulfur-like odor. 7-12 inches -Wet, soft, light gray, SILT and fine to coarse Sand, trace shells, trace cemented chunks throughout, slight sulfur-like odor.	Vibracore	
5		OL-1297-06	0.4	ML	Wet, soft, light gray, SILT and medium to fine Sand, trace shells, sulfur-like odor.	Vibracore	Marl
		OL-1297-07	1.2	ML	Wet, soft, light gray, SILT and medium to fine Sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1297-08	0.3	ML	Wet, soft, light gray, SILT and medium to fine Sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1297-09	0.3	ML	Wet, soft, light gray, SILT and medium to fine Sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1297-10	0.3	ML	Wet, soft, light gray, SILT and medium to fine Sand, trace shells, sulfur-like odor.	Vibracore	
9.6							

Note: Null values indicate PID reading not taken

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20207

Date: 06/11/2010

Weather: Low 70s cloudy w/showers, Winds WNW 15mph

Northing: 1119452.87

Easting: 921580.41

Mud Line: 360.83 Ft

Surface Water Depth: 2.5 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 11.50

Core Recovery Depth: 10.00

Water Elev: 363.33 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1294-03	29.0	SW	Wet, very loose, light gray, fine to coarse SAND, cemented chunks throughout, chemical-like odor.	Vibracore	Fine to Coarse Sand
		OL-1294-04	9.0	SW	Wet, very loose, light gray, fine to coarse SAND, cemented chunks throughout, chemical-like odor.	Vibracore	
		OL-1294-05	27.0	SW	Wet, loose, light gray, fine to coarse SAND, cemented chunks throughout, slight sulfur-like odor.	Vibracore	
		OL-1294-06	9.0	SW	0-4 inches -Wet, loose, light gray, fine to coarse SAND, some cemented chunks throughout, sulfur-like odor. 4-12 -Wet, loose, light gray, fine to coarse SAND, little silt, some cemented chunks, trace shells, slight sulfur-like odor.	Vibracore	
		OL-1294-07	27.0	SM	Wet, loose, light gray, fine to coarse SAND, trace silt, little cemented chunks, slight sulfur-like odor.	Vibracore	Marl
5		OL-1294-09	12.6	SM	Wet, loose, light gray, fine to coarse SAND, trace silt, trace shells, slight sulfur-like odor.	Vibracore	
		OL-1294-10	1.4	SM	Wet, medium dense, light gray, medium to fine SAND, little silt, trace shells, sulfur-like odor.	Vibracore	
		OL-1294-11	1.2	SM	Wet, medium dense, light gray, medium to fine SAND, some silt, trace shells, sulfur-like odor.	Vibracore	
		OL-1294-12	1.2	ML	Wet, soft, light gray, SILT and fine Sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1294-13	1.0	ML	Wet, soft, light gray, SILT and fine Sand, trace shells, sulfur-like odor.	Vibracore	
10.0							

Note: Null fields indicate PID reading not taken

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20208

Date: 06/10/2010

Weather: Low 70s cloudy w/showers, Winds WNW 15mph

Northing: 1119414.63

Easting: 921515.36

Mud Line: 361.83 Ft

Surface Water Depth: 1.5 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 11.50

Core Recovery Depth: 8.25

Water Elev: 363.33 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1298-09	1.6	GW	Wet, very dense, black, fine to coarse GRAVEL and fine to coarse Sand, trace cobbles, slight petroleum-like odor.	Vibracore	Gravel
		OL-1298-10	1.8	GW	Wet, very dense, black, fine to coarse GRAVEL, little fine to coarse sand, trace cobbles, slight petroleum-like odor.	Vibracore	
		OL-1298-11	1.8	GW	Wet, very dense, black, fine to coarse GRAVEL, little fine to coarse sand, trace cobbles, slight petroleum-like odor.	Vibracore	
		OL-1298-12	4.6	GW	Wet, very dense, dark gray, fine to coarse GRAVEL, some fine to coarse sand, little silt, slight petroleum-like odor.	Vibracore	
		OL-1298-13	2.0	ML	Wet, soft, light gray, SILT and fine to coarse Sand, trace shells, slight sulfur-like odor.	Vibracore	Marl
5		OL-1298-16	1.0	ML	Wet, soft, light gray, SILT and fine to coarse Sand, trace shells, slight sulfur-like odor.	Vibracore	
		OL-1298-15	1.2	ML	Wet, soft, light gray, SILT and fine to coarse Sand, trace shells, slight sulfur-like odor.	Vibracore	
		OL-1298-17	1.3	ML	Wet, soft, light gray, SILT and fine to coarse Sand, trace shells, slight sulfur-like odor.	Vibracore	
8.0							

Note: Null fields indicate PID reading not taken.

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20209

Date: 06/10/2010

Weather:



Northing: 1119349.463
 Easting: 921604.954
 Mud Line: 361.4 Ft
 Surface Water Depth: 1.9 Ft

Driller: PARSONS
 Logging Company: PARSONS
 Geologist: A. MENGES
 Penetration Depth: 11.50 Core Recovery Depth: 8.30

Water Elev: 363.3 Ft
 Attempts: 3
 Depth Units:

Depth	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1297-11	18.0	GW	"Wet, very dense, light to dark gray, fine to coarse GRAVEL and fine to coarse Sand, some cobbles, petroleum like odor."		
		OL-1297-12	89.0	GW	"Wet, very dense, light to dark gray, fine to coarse GRAVEL and fine to coarse Sand, some cobbles, trace silt, petroleum like odor."		
		OL-1297-13	138.0	ML	"Wet, dense, light gray, SILT and fine to coarse Sand, some cemented chunks, slight petroleum like odor."		
		OL-1297-15	248.0	ML	"Wet, dense, light gray, SILT and fine to coarse Sand, some cemented chunks, slight petroleum like odor."		
		OL-1297-16	40.5	ML	"Wet, soft, light gray, SILT and fine to coarse Sand, trace cemented chunks, trace shells, slight petroleum like odor."		
5		OL-1297-17	16.0	ML	"Wet, soft, light gray, SILT and fine to coarse Sand, trace shells, slight sulfur like odor."		
		OL-1297-18	7.1	ML	"Wet, soft, light gray, SILT and fine to coarse Sand, trace shells, slight sulfur like odor."		
		OL-1297-19	4.3	ML	"Wet, soft, light gray, SILT and fine to coarse Sand, trace shells, slight sulfur like odor."		
8.0							

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30157

Date: 06/11/2010

Weather: High 70s, Winds WSW 0-5mph, sun&clouds

Northing: 1124448.44

Easting: 918775.86

Mud Line: 339.5 Ft

Surface Water Depth: 23.6 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 7.50

Core Recovery Depth: 6.10

Water Elev: 363.10 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1300-04	0.1	ML	Wet, very soft, dark gray, SILT, trace fine sand, mothball odor.	Vibracore	Silt
		OL-1300-05	1.4	SOLW	Wet, very soft, green to dark gray, silt-like grains, trace sand-like grains, trace cemented chunks, mothball odor.	Vibracore	Solvay Waste
		OL-1300-07	1.5	SOLW	Wet, very soft, green to dark gray, silt-like grains, trace sand-like grains, trace cemented chunks, mothball odor.	Vibracore	
3.0							

Note: Null fields indicate PID reading not taken

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30158

Date: 06/11/2010

Weather: High 70s, Winds WSW 0-5mph, sun&clouds

Northing: 1123060.23

Easting: 920095.91

Mud Line: 335.8 Ft

Surface Water Depth: 27.3 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 7.50

Core Recovery Depth: 6.60

Water Elev: 363.10 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1300-08	1.6	ML	Wet, soft, dark brown, SILT, trace fine sand.	Vibracore	Silt
		OL-1300-09	2.6	ML	Wet, soft, dark brown, SILT, trace fine sand.	Vibracore	
		OL-1300-10	1.2	ML	Wet, very soft, black, SILT, little silt-like grains, mothball odor.	Vibracore	
3.0							

Note: Null fields indicate PID reading not taken

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30173

Date: 06/11/2010

Weather: High 70s, Winds WSW 0-5mph, sun&clouds

Northing: 1126628.02

Easting: 917494.81

Mud Line: 341.50 Ft

Surface Water Depth: 21.8 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 7.50

Core Recovery Depth: 6.70

Water Elev: 363.10 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1300-01	2.0	SM/ML	0-7 inches -Wet, medium dense, dark brown, fine to coarse SAND, little silt, trace shells, (SM). 7-12 inches-Wet soft, dark brown, SILT, some fine sand, trace shells, (ML).	Vibracore	Silt
		OL-1300-02	2.3	ML	Wet, soft, dark brown, SILT, some fine sand, trace organic material.	Vibracore	
		OL-1300-03	2.2	ML	Wet, soft, black, SILT, some fine sand, trace organic material.	Vibracore	
3.0							

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30174

Date: 06/11/2010

Weather: High 70s, Winds WSW 0-5mph, sun&clouds

Northing: 1124222.73

Easting: 919011.75

Mud Line: 344.3 Ft

Surface Water Depth: 18.8 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 4.50

Core Recovery Depth: 3.10

Water Elev: 363.1 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1298-18	2.1	SOLW	Wet, soft, white-green-gray, silt-like grains, some sand-like grains, some cemented chunks, mothball odor.	Vibracore	Solvay Waste
		OL-1298-19	1.7	SOLW	Wet, soft, white-green-gray, silt-like grains, some sand-like grains, some cemented chunks, mothball odor.	Vibracore	
		OL-1298-20	1.6	SOLW	Wet, soft, white, silt-like grains, some sand-like grains, some cemented chunks, mothball odor.	Vibracore	
3.0							

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30175

Date: 06/09/2010

Weather: Low 60s, Winds ESE 10 mph, cloudy

Northing: 1123284.07

Easting: 919616.64

Mud Line: 351.27 Ft

Surface Water Depth: 12.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 7.50

Core Recovery Depth: 6.80

Water Elev: 363.27 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1278-01	0.0	SW	Wet, medium dense, dark brown, fine to coarse SAND, trace shells, slight petroleum-like odor.	Vibracore	Fine to Coarse Sand
		OL-1278-02	0.0	SM	Wet, medium dense, dark brown, fine to coarse SAND, trace silt, trace shells, slight petroleum-like odor.	Vibracore	
		OL-1278-03	0.0	SM	Wet, medium dense, dark brown, fine to coarse SAND, trace silt, trace shells, slight petroleum-like odor.	Vibracore	
3.0							

Note: Null fields indicate PID reading not taken.

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40269

Date: 06/08/2010

Weather:



Northing: 1126028.51

Easting: 914523.22

Mud Line: 360.1 Ft

Surface Water Depth: 2.9 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 15.00

Core Recovery Depth: 14.30

Water Elev: 363 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0			0.0	ML	Wet, medium stiff, light brown, SILT and fine to coarse Sand, trace fine to coarse gravel, trace shells, trace wood fragments, sulfur like odor.		
		OL-1277-02	0.0	ML	Wet, soft, light brown, SILT, some fine to coarse sand, trace cemented chunks, trace shells, sulfur like odor.	Vibracore	
		OL-1277-03	0.0	ML	Wet, soft, light brown, SILT, some fine sand, trace shells, sulfur odor.	Vibracore	
		OL-1277-04	0.0	ML	Wet, medium stiff, light brown, SILT and fine to coarse sand, some cemented chunks, trace shells, sulfur odor.	Vibracore	
		OL-1277-05	0.0	ML	Wet, soft, light brown, SILT, some fine sand, some cemented chunks in first 3 inches, trace shells, sulfur odor.	Vibracore	
5		OL-1277-06	0.0	ML	Wet, soft, light brown, SILT, some fine sand, trace shells, sulfur odor.	Vibracore	
		OL-1277-07	0.0	ML	Wet, soft, light brown, SILT, some fine to medium sand, little cemented chunks, trace shells, sulfur odor.	Vibracore	
		OL-1277-08	0.0	ML	Wet, soft, light brown, SILT, some fine sand, trace shells, sulfur odor.	Vibracore	
		OL-1277-09	0.0	ML	Wet, medium stiff, light brown, SILT and fine Sand, trace shells, sulfur odor.	Vibracore	
		OL-1277-10	0.0	ML	Wet, medium stiff, light brown, SILT and fine Sand, trace shells, sulfur odor.	Vibracore	
10			0.0				
14.3							

Note: Null fields indicate PID readings not taken

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40270

Date: 06/08/2010

Weather: Low 70s, mostly cloudy, Winds WNW 10-20mph

Northing: 1125923.34

Easting: 914603.37

Mud Line: 360.68 Ft

Surface Water Depth: 2.5 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 11.00

Core Recovery Depth: 9.25

Water Elev: 363.18 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1276-01	0.0	ML	Wet, stiff, dark brown, SILT, some clay, slight petroleum-like odor.	Vibracore	Silt
		OL-1276-02	0.2	ML	Wet, soft, dark brown, SILT, some fine sand, slight sulfur-like odor.	Vibracore	
		OL-1276-03	0.0	ML	Wet, soft, light brown, SILT, some fine to coarse sand, some cemented chunks, sulfur-like odor.	Vibracore	
		OL-1276-04	0.0	ML	Wet, soft, light brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1276-05	0.0	ML/SM	Wet, very soft, light brown, SILT and fine to coarse Sand, trace cemented chunks.	Vibracore	Silt and Sand
5		OL-1276-06	0.0	ML/SM	Wet, very soft, light brown, SILT and fine Sand.	Vibracore	
		OL-1276-07	0.0	ML/SM	Wet, very soft, light brown, SILT and fine Sand.	Vibracore	
		OL-1276-08	0.0	ML/SM	Wet, very soft, light brown, SILT and fine Sand.	Vibracore	
		OL-1276-09	0.0	ML/SM	Wet, very soft, light brown, SILT and fine Sand.	Vibracore	
9.0							

Note: Null fields indicate PID readings not taken

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40271

Date: 06/08/2010

Weather:

Honeywell

Northing: 1125911.35

Easting: 914758.41

Mud Line: 333.2 Ft

Surface Water Depth: 30 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 11.00

Core Recovery Depth: 8.30

Water Elev: 363.2 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0			0.0	ML	0-9 in -Wet, soft, dark brown, SILT, some fine sand, trace organic material, slight organic odor. 9-12 in -Wet, soft, light gray, SILT, trace fine sand, slight organic odor.		
		OL-1276-12	0.0	ML	Wet, stiff, gray, SILT, some clay, slight organic odor.	Vibracore	
		OL-1276-13	0.0	ML	Wet, medium stiff, light to dark gray, SILT, little clay.	Vibracore	
		OL-1276-15	0.0	ML	Wet, medium stiff, light to dark gray, SILT, little clay.	Vibracore	
		OL-1276-16	0.0	ML	Wet, soft, dark gray, SILT, little clay, little fine sand, slight petroleum like odor.	Vibracore	
5		OL-1276-17	0.0	ML	Wet, soft, light brown to dark gray, SILT, some fine to coarse sand, some cemented chunks, sulfur like odor.	Vibracore	
		OL-1276-18	0.0	ML	Wet, soft, light brown, SILT, some fine to coarse sand, some cemented chunks in first 3 inches, trace shells, sulfur odor.	Vibracore	
		OL-1276-19	0.0	ML	Wet, soft, light brown, SILT, some fine sand, trace shells, sulfur odor.	Vibracore	
8.3							

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40304

Date: 06/11/2010

Weather: High 70s, Winds WSW 0-5mph, sun&clouds

Northing: 1126575.57

Easting: 914243.41

Mud Line: 358.10 Ft

Surface Water Depth: 5.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 7.00

Core Recovery Depth: 4.70

Water Elev: 363.10 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1292-20	0.8	SM	Wet, loose, light brown, fine to coarse SAND, trace silt, trace shells, sulfur-like odor.	Vibracore	Marl
		OL-1294-01	0.4	SM	Wet, loose, light brown, medium fine SAND, little silt, trace shells, sulfur-like odor.	Vibracore	
		OL-1294-02	0.4	SM	Wet, loose, light brown, fine to coarse SAND, trace silt, some cemented chunks, trace shells, sulfur-like odor.	Vibracore	
3.0							

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50004-2

Date: 06/14/2010

Weather: Mid 70s, clouds&rain, Winds NW 10-15mph

Northing: 1133039.78

Easting: 910750.36

Mud Line: 357.38 Ft

Surface Water Depth: 5.2 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 2.80

Core Recovery Depth: 2.70

Water Elev: 362.58 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1304-01	9.1	SW	Wet, loose, dark brown, fine to coarse SAND, trace organic material, trace shells.	Vibracore	Sand
1.0		OL-1304-02	26.8	SM	Wet, medium dense, light gray, fine to coarse SAND, trace silt, little cemented chunks, trace shells, sulfur-like odor.	Vibracore	Marl

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50009-2

Date: 06/14/2010

Weather: Mid 70s, clouds&rain, Winds NW 10-15mph

Northing: 1132921.65

Easting: 910789.07

Mud Line: 357.78 Ft

Surface Water Depth: 4.8 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 4.50

Core Recovery Depth: 4.00

Water Elev: 362.58 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1304-03	12.1	SW	Wet, loose, dark brown, fine to coarse SAND, some fine to coarse gravel, trace shells.	Vibracore	Sand
1.0		OL-1304-04	18.0	SM	Wet, medium dense, light gray, fine to coarse SAND, trace silt, some cemented chunks, sulfur-like odor.	Vibracore	

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50076-2

Date: 06/14/2010

Weather: Mid 70s, clouds&rain, Winds NW 10-15mph

Northing: 1132868.44

Easting: 910814.04

Mud Line: 358.18 Ft

Surface Water Depth: 4.4 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 4.00

Core Recovery Depth: 4.00

Water Elev: 362.58 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1304-05	9.4	ML	0 -1.5 inches -Wet, loose, dark brown, fine to coarse SAND, trace organic material (SM). 1.5 -0.5 inches -Wet, soft, light gray, SILT and fine Sand, trace shells, sulfur-like odor, (ML).	Vibracore	Silt
1.0		OL-1304-06	3.7	SM	Wet, medium dense, light gray, medium to fine SAND and Silt, trace shells, sulfur-like odor.	Vibracore	Marl

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50077-2

Date: 06/14/2010

Weather: Mid 70s, clouds&rain, Winds NW 10-15mph

Northing: 1132908.89

Easting: 910748.86

Mud Line: 358.58 Ft

Surface Water Depth: 4.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 4.00

Core Recovery Depth: 4.00

Water Elev: 362.58 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1304-07	5.5	SW	Wet, medium dense, dark brown, fine to coarse SAND and fine to coarse Gravel, trace shells, trace organics.	Vibracore	Sand
1.0		OL-1304-08	4.8	ML/SM	Wet, soft, light gray, SILT and medium fine Sand, trace shells, sulfur-like odor.	Vibracore	

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50078-2

Date: 06/14/2010

Weather: Mid 70s, clouds&rain, Winds NW 10-15mph

Northing: 1132922.43

Easting: 910817.23

Mud Line: 357.78 Ft

Surface Water Depth: 4.8 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 2.00

Core Recovery Depth: 1.50

Water Elev: 362.58 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1304-12	0.0	GW	Wet, dense, dark brown, fine to coarse GRAVEL, some fine to coarse sand, little cobbles, trace organic material.	Vibrocure	Gravel
1.0		OL-1304-13	0.4	ML	Wet, soft, light brown, SILT, some fine to coarse sand, trace fine to coarse gravel.	Vibrocure	Silt

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50079-2

Date: 06/14/2010

Weather: Mid 70s, clouds&rain, Winds NW 10-15mph

Northing: 1132968.93

Easting: 910824.63

Mud Line: 356.88 Ft

Surface Water Depth: 5.7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 3.00

Core Recovery Depth: 3.00

Water Elev: 362.58 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1304-10	12.0	SW	Wet, dense, dark brown, fine to coarse SAND and fine to coarse Gravel.	Vibracore	Sand
1.0		OL-1304-11	1.0	ML	Wet, soft, light gray, SILT and medium to fine Sand, trace shells, sulfur-like odor.	Vibracore	Silt

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50080

Date: 06/11/2010

Weather: High 70s, Winds WNW 0-5mph, sun&clouds

Northing: 1127919.86

Easting: 913489.44

Mud Line: 348.10 Ft

Surface Water Depth: 15.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 7.00

Core Recovery Depth: 5.00

Water Elev: 363.10 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1292-11	0.7	GW	Wet, loose, dark brown, fine to coarse GRAVEL, some coarse to fine sand, trace silt, trace shells, slight sulfur-like odor.	Vibracore	Gravel
		OL-1292-12	7.1	SM	Wet, medium dense, light brown, medium to fine SAND, trace silt, trace shells, sulfur-like odor.	Vibracore	Marl
		OL-1292-13	30.0	SM	Wet, loose, light brown, medium to fine SAND, little silt, trace shells, sulfur-like odor.	Vibracore	
3.0							

Note: Null fields indicate PID readings not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50081

Date: 06/11/2010

Weather: High 70s, Winds WNW 0-5mph, sun&clouds

Northing: 1128048.91

Easting: 913359.12

Mud Line: 348.09 Ft

Surface Water Depth: 15.01 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 7.00

Core Recovery Depth: 5.50

Water Elev: 363.10 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1292-14	1.1	SM	Wet, loose, light brown, medium to fine SAND, trace silt, trace shells, sulfur-like odor.	Vibracore	Sand
		OL-1293-15	3.8	SM	Wet, loose, light brown, medium to fine SAND, trace silt, trace shells, trace cemented chunks, sulfur-like odor.	Vibracore	
		OL-1292-16	2.4	SM	Wet, loose, light brown, medium to fine SAND, trace silt, trace shells, sulfur-like odor.	Vibracore	
3.0							

Note: Null fields indicate PID readings not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50082

Date: 06/11/2010

Weather: High 70s, Winds WNW 0-5mph, sun&clouds

Northing: 1127806.70

Easting: 913499.08

Mud Line: 358.25 Ft

Surface Water Depth: 4.85 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 7.00

Core Recovery Depth: 6.00

Water Elev: 363.10 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1292-17	10.0	SM	Wet, loose, light brown, fine to coarse SAND, some cemented chunks, trace shells, sulfur-like odor.	Vibracore	Sand
		OL-1292-18	4.8	SM	Wet, loose, light brown fine to coarse SAND, trace silt, trace shells, trace cemented chunks, sulfur-like odor.	Vibracore	
		OL-1292-19	1.2	SM	Wet, loose, light brown, medium to fine SAND, trace silt, trace shells, sulfur-like odor.	Vibracore	
3.0							

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50083

Date: 06/09/2010

Weather: Low 60s, Winds ESE 10 mph, cloudy

Northing: 1121794.07

Easting: 927298.68

Mud Line: 355.27 Ft

Surface Water Depth: 8.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 7.50

Core Recovery Depth: 6.40

Water Elev: 363.27 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1277-15	0.0	GW	0-2 inches -Wet, loose, black, fine to coarse GRAVEL and fine to coarse Sand, some organic material (GW). 2-12 inches -Wet, loose, light brown, fine to coarse GRAVEL and fine to coarse Sand, trace silt, sulfur-like odor (GW).	Vibracore	Gravel and Sand
		OL-1277-16	0.0	GW	0-7 inches -Wet, loose, light brown, fine to coarse GRAVEL and fine to coarse Sand, trace silt, sulfur odor (GW). 7-12 inches -Wet, soft, light brown, SILT and fine Sand, trace shells, sulfur-like odor (ML).	Vibracore	
		OL-1277-17	0.0	ML/SM	0-9 inches -Wet, soft, light brown, SILT and fine Sand, trace shells, sulfur odor (ML/SM). 9-12 inches -Wet, loose, light brown, fine to coarse GRAVEL and fine to coarse Sand, trace silt, sulfur-like odor (GW).	Vibracore	Silt and Sand
3.0							Gravel and Sand

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50084

Date: 06/09/2010

Weather: Low 60s, Winds ESE 10 mph, cloudy

Northing: 1121715.35

Easting: 927158.41

Mud Line: 339.27 Ft

Surface Water Depth: 24.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 7.50

Core Recovery Depth: 6.90

Water Elev: 363.27 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1277-18	0.0	SW/ML	0-8 inches -Wet, medium dense, black, medium to fine SAND, slight petroleum-like odor (SW). 8-12 inches - wet, very soft, black, SILT, trace fine sand, petroleum-like odor (ML).	Vibracore	Sand and Silt
		OL-1277-19	0.0	ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	Silt
		OL-1277-20	0.0	ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	
3.0							

Note: Null fields indicate PDI reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50085

Date: 06/09/2010

Weather: Low 60s, Winds ESE 10 mph, cloudy

Northing: 1121906.68

Easting: 927049.78

Mud Line: 349.57 Ft

Surface Water Depth: 13.7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 7.50

Core Recovery Depth: 4.40

Water Elev: 363.27 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1278-04	0.0	ML	Wet, soft, light brown, SILT and fine to coarse Sand, trace shells, trace organic material, sulfur-like odor.	Vibracore	Silt
		OL-1278-05	0.0	ML	Wet, soft, light brown, SILT and fine to coarse Sand, trace shells, trace organic material, trace phragmites, sulfur-like odor.	Vibracore	
		OL-1278-06	0.0	ML	Wet, soft, light brown, SILT and fine to coarse Sand, trace shells, trace organic material, trace phragmites, sulfur-like odor.	Vibracore	
3.0							

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50086

Date: 06/09/2010

Weather: Low 60s, Winds ESE 10 mph, cloudy

Northing: 1122041.54

Easting: 926700.56

Mud Line: 332.57 Ft

Surface Water Depth: 30.7 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 7.50

Core Recovery Depth: 5.00

Water Elev: 363.27 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1278-07	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	Silt
		OL-1278-08	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
		OL-1278-10	0.0	ML	Wet, very soft, black, SILT, slight petroleum-like odor.	Vibracore	
3.0							

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50091

Date: 06/09/2010

Weather: Low 60s, Winds ESE 10 mph, cloudy

Northing: 1121463.27

Easting: 927645.22

Mud Line: 356.27 Ft

Surface Water Depth: 7.0 Ft

Driller: Anchor QEA

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 7.50

Core Recovery Depth: 4.40

Water Elev: 363.27 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1277-11	0.0	GM	Wet, medium dense, light gray to black, fine to coarse GRAVEL and fine to coarse Sand, some silt, trace cemented chunks, sulfur-like odor.	Vibracore	Gravel
		OL-1277-12	0.0	SM	Wet, medium dense, light brown, fine to coarse SAND, some silt, some cemented chunks, sulfur-like odor.	Vibracore	Silt and Sand
		OL-1277-14	0.0	ML/SM	0-3 inches -Wet, medium dense, light brown, fine to coarse SAND, some silt, some cemented chunks, sulfur-like odor (SM). 3-12 inches -Wet, soft, light brown, SILT and fine Sand, trace shells, trace cemented chunks, sulfur-like odor (ML).	Vibracore	
3.0							

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60264

Date: 06/10/2010

Weather: Low 70s cloudy w/showers, Winds W 10-25mph

Northing: 1117920.38

Easting: 928403.50

Mud Line: 360.61 Ft

Surface Water Depth: 2.54 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 11.50

Core Recovery Depth: 9.80

Water Elev: 363.15 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1284-16	0.0	GW	Wet, very dense, black, fine to coarse GRAVEL and fine to coarse SAND, trace silt, trace cobbles, trace glass fragments.	Vibracore	Gravel
		OL-1284-17	0.0	SW	Wet, dense, dark brown to black, fine to coarse SAND, some fine to coarse gravel, little silt, trace cobbles, trace glass fragments.	Vibracore	Sand
		OL-1284-18	0.0	SM	Wet, dense, dark brown to black, fine to coarse SAND, some silt, trace shells, petroleum-like odor.	Vibracore	
		OL-1284-19	0.0	ML/SM	Wet, medium stiff, dark brown, SILT and medium to fine Sand, little shells, petroleum-like odor, sulfur-like odor.	Vibracore	
		OL-1284-20	0.0	SM	Wet, dense, black to dark brown, fine to coarse SAND, little silt, trace shells, sulfur-like odor.	Vibracore	
5		OL-1285-01	0.0	SM	Wet, medium dense, medium brown, fine to coarse SAND, little silt, trace shells, sulfur-like odor.	Vibracore	
		OL-1285-03	0.0	SM	Wet, dense, dark brown, fine SAND, some silt, trace shells, sulfur-like odor.	Vibracore	Marl
		OL-1285-04	0.0	ML	Wet, soft, light brown, SILT and fine Sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1285-05	0.0	ML	Wet, soft, light brown, SILT and fine Sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1285-06	0.0	ML	Wet, soft, light brown, SILT and fine Sand, trace shells, sulfur-like odor.	Vibracore	
9.8							

Note: Null fields indicate PID reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60265

Date: 06/10/2010

Weather: Low 70s, cloudy w/showers, Winds W 10-25mph

Northing: 1119129.93

Easting: 928802.67

Mud Line: 361.7 Ft

Surface Water Depth: 1.45 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 11.50

Core Recovery Depth: 9.70

Water Elev: 363.15 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1284-05/OL-1283-05	0.0	SW	Wet, dense, dark brown, fine to coarse SAND, trace fine to medium gravel, trace shells.	Vibracore	Sand and Silt
		OL-1284-07/OL-1283-07	0.0	ML	0-2 inches -wet, dense, dark brown, medium to fine SAND, petroleum-like odor (SW). 2-8 inches -wet, stiff, black, SILT, little fine sand, petroleum-like odor (ML). 8-12 inches -wet, medium stiff, light brown, SILT, some fine sand, petroleum-like odor (ML).	Vibracore	
		OL-1284-08/OL-1283-08	0.0	SM	0-5 inches -Wet, soft, dark brown, SILT and fine Sand, trace shells, slight petroleum-like odor (ML). 5-12 inches -wet, dense, medium brown, medium to fine SAND, trace silt, trace shells (SM).	Vibracore	
		OL-1284-09/OL-1283-09	0.0	SM	Wet, medium dense, dark brown, fine to coarse SAND, trace silt, trace organic material, trace shells.	Vibracore	
		OL-1284-10/OL-1283-10	0.0	SM	Wet, medium dense, dark brown, fine to coarse SAND, trace silt, trace organic material, trace shells.	Vibracore	
5		OL-1284-11/OL-1283-11	0.0	SM	0-2 inches -Wet, medium stiff, red-brown, SILT and Sand, trace shells, trace organic materials (ML). 2-12 inches -wet, dense, dark brown, medium to fine SAND, trace silt, trace shells, trace wood fragments (SM).	Vibracore	
		OL-1284-12/OL-1283-12	0.0	ML	0-2 inches -Wet, dense, dark brown, medium to fine SAND, trace silt, trace shells (SM). 2-12 inches -wet, stiff, red brown SILT, some fine sand, trace shells (ML).	Vibracore	
		OL-1284-13/OL-1283-13	0.0	SM	Wet, dense, dark brown, medium to fine SAND, trace silt, trace wood fragments, trace shells.	Vibracore	
		OL-1284-15/OL-1283-14	0.0	ML	Wet, stiff, dark brown, SILT, some fine sand, trace shells, trace organic material.	Vibracore	
		OL-1284-14/OL-1283-15	0.0	ML	Wet, soft, dark brown, SILT and fine Sand, trace shells.	Vibracore	
9.7							

Note: Null fields indicate PDI reading not taken.

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60266

Date: 06/11/2010

Weather: High 70s, Winds WSW 0-5mph, sun&clouds

Northing: 1119234.89

Easting: 928810.50

Mud Line: 361.56 Ft

Surface Water Depth: 1.54 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 11.00

Core Recovery Depth: 7.80

Water Elev: 363.10 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1299-01	0.1	SW	Wet, medium dense, dark brown, fine to coarse SAND, trace silt, trace fine to coarse gravel, trace organic material.	Vibracore	Silt and Sand
		OL-1299-02	4.3	ML	Wet, medium stiff, dark brown, SILT, some fine sand, trace shells.	Vibracore	
		OL-1299-03	1.7	ML	0-7 inches -Wet, medium stiff, dark brown, SILT, some fine sand, trace shells (ML). 7-12 inches -Wet, medium dense, dark brown, medium to fine SAND, trace silt, trace shells, (SM).	Vibracore	
		OL-1299-04	1.8	SM	Wet, medium dense, dark brown, medium to fine SAND, trace silt, trace shells, trace organic material.	Vibracore	
		OL-1299-05	1.2	SM	Wet, medium dense, dark brown, medium to fine SAND, trace silt, trace shells, trace organic material.	Vibracore	
5		OL-1299-06	0.8	SM	Wet, medium dense, dark brown, medium to fine SAND, some silt, trace shells, trace organic material.	Vibracore	
		OL-1299-07/08	0.0	ML	Wet, medium stiff, medium brown, SILT, little medium to fine sand, trace shells, trace organic material.	Vibracore	
		OL-1299-09	0.6	ML	Wet, medium stiff, medium brown, SILT, little medium to fine sand, trace shells, trace organic material.	Vibracore	
7.8							

Note: Null fields indicate PID reading not taken.

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60267

Date: 06/11/2010

Weather: High 70s, Winds WSW 0-5mph, sun&clouds

Honeywell

Northing: 1119406.27

Easting: 928764.86

Mud Line: 361.10 Ft

Surface Water Depth: 2.0 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 15.00

Core Recovery Depth: 13.00

Water Elev: 363.10 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1288-14	4.2	SW	0-10 inches -Wet, dense, dark brown, fine to coarse SAND, little fine gravel, trace silt, trace shells, slight petroleum-like odor (SW). 10-12 inches -wet, soft, black, SILT, trace fine sand, petroleum-like odor (ML).	Vibracore	Sand and Silt
		OL-1288-15	4.1	SM	Wet, dense, black, medium to fine SAND, trace silt, petroleum-like odor.	Vibracore	
		OL-1288-16	0.5	ML	Wet, soft, dark brown, SILT, some fine sand, trace shells.	Vibracore	
		OL-1288-17	0.5	SM	Wet, dense, dark brown, medium to fine SAND, little silt.	Vibracore	
		OL-1288-18	0.4	ML	Wet, soft, dark brown, SILT, little fine sand, trace shells.	Vibracore	Silt
5		OL-1288-19	0.4	ML	Wet, soft, dark brown, SILT, little fine sand, trace shells.	Vibracore	
		OL-1288-20	0.5	ML	Wet, stiff, light brown, SILT, trace fine sand.	Vibracore	
		OL-1289-01	0.8	ML	Wet, stiff, light brown to dark brown, SILT, little fine sand, slight petroleum-like odor.	Vibracore	
		OL-1289-02	1.2	ML	Wet, stiff, black, SILT, little fine sand, trace shells, trace organic material, petroleum-like odor.	Vibracore	
		OL-1289-03	0.7	ML	Wet, very stiff, black, SILT, petroleum-like odor.	Vibracore	
10		OL-1289-04	1.2	ML	0-9 inches -Wet, stiff, black, SILT (ML). 9-12 inches -wet, stiff, light brown, SILT, some fine sand, trace shells (ML).	Vibracore	
12.0		OL-1289-05	0.6	ML	Wet, stiff, light brown, SILT, trace fine sand, trace shells.	Vibracore	

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60268

Date: 06/11/2010

Weather: High 70s, Winds WSW 0-5mph, sun&clouds

Northing: 1119493.80

Easting: 928746.36

Mud Line: 361.3 Ft

Surface Water Depth: 2 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: A. MENGES

Penetration Depth: 15.00

Core Recovery Depth: 13.00

Water Elev: 363.3 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1288-01	0.1	SM	0-1 inch -roots and grass. 1-12 inches -Wet, medium dense, dark brown, fine to coarse SAND, some silt, slight petroleum-like odor (SM).	Vibracore	Sand
		OL-1288-02	0.2	SM	Wet, medium dense, dark brown to black, medium to fine SAND and Silt, petroleum like-odor.	Vibracore	
		OL-1299-03/04	19.5	SM	Wet, medium dense, black, medium to fine SAND and Silt, petroleum-like odor.	Vibracore	
		OL-1288-05	0.3	SM	0-6 inches -Wet, medium dense, black, medium to fine SAND, some silt, petroleum-like odor (SM). 6-12 inches -wet, soft, black, SILT, little fine sand, petroleum-like odor (ML).	Vibracore	
		OL-1288-06	0.6	ML	Wet, medium stiff, black, SILT, some fine sand, petroleum-like odor.	Vibracore	Silt
5		OL-1288-07	0.4	ML	Wet, medium stiff, black, SILT and fine Sand, petroleum-like odor.	Vibracore	
		OL-1288-08	1.2	SM	Wet, medium dense, dark brown, medium to fine SAND, some silt, trace shells, trace organic material.	Vibracore	
		OL-1288-09	0.7	ML	Wet, medium stiff, dark brown to black, SILT and fine Sand, trace shells, trace organic material.	Vibracore	
		OL-1288-10	1.1	ML	Wet, medium stiff, dark brown to black, SILT, some fine sand, trace shells, trace organic materials.	Vibracore	
		OL-1288-11	0.8	ML	Wet, medium stiff, dark brown to black, SILT, some fine sand, trace shells, trace organic materials.	Vibracore	
10		OL-1288-12	0.5	ML	Wet, medium stiff, dark brown, SILT, little fine sand, some organic material, trace shells.	Vibracore	
		OL-1288-13	0.5	ML	Wet, medium stiff, dark brown, SILT and fine to coarse SAND, trace fine to coarse gravel, trace shells, trace organic material.	Vibracore	
13.0							

Note: Null fields indicate PID reading not taken

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60269

Date: 06/10/2010

Weather: Low 70s cloudy w/showers, Winds WNW 15mph

Northing: 1119648.44

Easting: 928796.74

Mud Line: 361.15 Ft

Surface Water Depth: 2.0 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 15.00

Core Recovery Depth: 6.30

Water Elev: 363.15 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1285-07	0.0	ML	Wet, soft, light brown, SILT and fine to coarse Gravel, some fine to coarse sand, trace shells.	Vibracore	Silt
		OL-1285-08	0.0	SM	0-6 inches -Wet, stiff, medium brown, SILT, little fine sand (ML). 6-12 inches -wet, dense, dark brown, medium to fine SAND, trace silt (SM).	Vibracore	
		OL-1285-09	0.0	SM	Wet, dense, dark brown, medium to fine SAND, trace silt, trace shells, trace wood fragments.	Vibracore	Sand
		OL-1285-10	0.0	ML	Wet, medium stiff, medium brown, SILT, some fine to coarse sand, trace shells, sulfur-like odor.	Vibracore	Silt
		OL-1285-11	0.0	ML	Wet, medium stiff, medium brown, SILT, little fine sand, trace shells, sulfur-like odor.	Vibracore	
5		OL-1285-12	0.0	ML	Wet, medium stiff, medium brown, SILT, little fine sand, trace shells, sulfur-like odor.	Vibracore	
6.0							

Note: Null fields indicate PID reading not taken. Made 3 attempts, 6.3 ft was best recovery.

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60270

Date: 06/10/2010

Weather: Low 70s cloudy w/showers, Winds WNW 15mph

Honeywell

Northing: 1119766.39

Easting: 928826.83

Mud Line: 362.05 Ft

Surface Water Depth: 1.1Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 15.00

Core Recovery Depth: 12.10

Water Elev: 363.15 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1281-01	0.0	SW	Wet, medium dense, medium brown, fine to coarse SAND and fine to coarse Gravel, trace silt, petroleum-like odor.	Vibracore	Sand
		OL-1281-02	0.0	ML	Wet, medium stiff, medium brown, SILT and fine to coarse Sand, trace shells, trace organic material, slight sulfur-like odor.	Vibracore	Silt
		OL-1281-03	0.0	ML	Wet, stiff, medium brown, SILT, some fine sand, trace organic material, trace shells.	Vibracore	
		OL-1281-04	0.0	ML	0-6 inches -Wet, stiff, medium brown, SILT, some fine sand, trace organic material, trace shells (ML). 6-12 inches -wet, medium dense, medium brown, fine to coarse SAND and Silt, little shells (SM).	Vibracore	
		OL-1281-05	0.0	ML	Wet, medium stiff, light brown, SILT and fine Sand, trace shells, trace wood fragments, sulfur-like odor.	Vibracore	
5		OL-1281-06	0.0	ML	Wet, stiff, medium brown, SILT, little fine sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1281-07	0.0	ML	Wet, soft, light brown, SILT, some fine sand, little shells, sulfur-like odor.	Vibracore	Marl
		OL-1281-08	0.0	ML	Wet, soft, light brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1281-09	0.0	ML	Wet, soft, light brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1281-10	0.0	ML	Wet, medium stiff, light-brown, SILT, little fine sand, trace shells, sulfur-like odor.	Vibracore	
10		OL-1281-11	0.0	ML	Wet, medium stiff, light brown, SILT, little fine sand, trace shells, sulfur-like odor.	Vibracore	
12.0		OL-1281-12	0.0	ML	Wet, medium stiff, light brown, SILT, little fine sand, trace shells, sulfur-like odor.	Vibracore	

Note: Null fields indicate PID reading not taken

BORING LOG

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Honeywell

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60271

Date: 06/10/2010

Weather: Low 70s cloudy w/showers, Winds WNW 15mph

Northing: 1119951.09

Easting: 928894.39

Mud Line: 362.05 Ft

Surface Water Depth: 1.1 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 15.00

Core Recovery Depth: 14.00

Water Elev: 363.15 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1282-14	0.0	GW	0-6 inches -Wet, dense, dark brown, fine to coarse GRAVEL, some fine to coarse sand, trace silt, slight petroleum-like odor (GW). 6-12 inches -wet, soft, dark-brown, SILT and fine Sand, trace fine gravel, slight petroleum-like odor(ML).	Vibracore	Gravel
		OL-1282-16	0.0	SM	0-5 inches -Wet, soft black, SILT, trace fine sand, slight petroleum-like odor (ML). 5-12 inches -wet, dense, dark-brown, medium to fine SAND, trace silt, slight petroleum-like odor (SM).	Vibracore	Silt
		OL-1282-17	0.0	ML	0-5 inches -Wet, dense, dark brown, medium to fine SAND, trace silt, trace shells, petroleum-like odor (SM). 5-12 inches -wet, soft light brown, SILT, some fine sand, trace shells, slight petroleum-like odor (ML).	Vibracore	Sand
		OL-1282-18	0.0	ML	Wet, soft, light brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	Marl
		OL-1282-19	0.0	ML	Wet, soft, light brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
5		OL-1282-20	0.0	ML	Wet, soft, light brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1283-01	0.0	ML	Wet, soft, light brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1283-02	0.0	ML	Wet, soft, light brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1283-03	0.0	ML	Wet, soft, light brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
		OL-1283-04	0.0	ML	Wet, soft, light brown, SILT, some fine sand, trace shells, sulfur-like odor.	Vibracore	
10.0							

Note: Null fields indicate PID reading not taken

BORING LOG

Page 1 of 1

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60272

Date: 06/11/2010

Weather: High 70s, Winds WSW 0-5mph, sun&clouds

Honeywell

Northing: 1119352.34

Easting: 928674.69

Mud Line: 360.35 Ft

Surface Water Depth: 2.75 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 15.00

Core Recovery Depth: 11.50

Water Elev: 363.10 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1291-06	0.7	SM	Wet, medium dense, black, fine to coarse SAND, trace silt, slight petroleum-like odor.	Vibracore	Sand
		OL-1291-07	1.1	SM	Wet, medium dense, black, fine to coarse SAND, trace silt, trace shells, slight petroleum-like odor.	Vibracore	
		OL-1291-08	0.6	ML	Wet, medium stiff, medium brown, SILT, little fine sand, trace shells.	Vibracore	Silt
		OL-1291-09	0.6	ML	Wet, stiff, medium brown, SILT, trace fine sand, trace shells.	Vibracore	
		OL-1291-10	0.6	ML	Wet, stiff, medium brown, SILT, trace shells.	Vibracore	
5		OL-1291-11	0.5	ML	Wet, stiff, medium brown SILT, trace shells.	Vibracore	
		OL-1291-12	0.5	ML	Wet, stiff, medium brown, SILT, trace fine sand, trace shells, trace organic material.	Vibracore	
		OL-1291-13	0.5	ML	Wet, stiff, medium brown, SILT, trace fine sand, trace shells.	Vibracore	
		OL-1291-14	0.6	ML	Wet, stiff, medium brown, SILT, trace fine sand, trace shells.	Vibracore	
		OL-1291-15	0.6	ML	Wet, stiff, medium brown, SILT, trace fine sand, trace shells.	Vibracore	
10		OL-1291-16	0.5	ML	Wet, stiff, medium brown, SILT, trace fine sand, trace shells.	Vibracore	
11.0							

Note: Null fields indicate PID readings not taken

BORING LOG

Page 1 of 1

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60273

Date: 06/11/2010

Weather: High 70s, Winds WSW 0-5mph, sun&clouds

Honeywell

Northing: 1119779.46

Easting: 928704.44

Mud Line: 360.35 Ft

Surface Water Depth: 2.75 Ft

Driller: Atlantic Testing

Logging Company: PARSONS

Geologist: ALLISON MENGES

Penetration Depth: 15.00

Core Recovery Depth: 11.50

Water Elev: 363.10 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Recov	Sample ID	PID (ppm)	USCS Code	Soil Description	Sample Method	Stratum
0		OL-1291-18	2.4	SM	Wet, dense, black, medium to fine SAND, trace silt, trace shells, slight petroleum-like odor.	Vibracore	Sand
		OL-1291-19	1.2	SM	Wet, medium dense, dark brown, medium to fine SAND, trace silt, trace shells, slight petroleum-like odor.	Vibracore	
		OL-1291-20	0.6	ML	0-2 inches -Wet, dense, dark brown, medium to fine SAND, trace silt (SM). 2-12 inches -wet, stiff, light brown, SILT, little fine sand, trace shells, slight sulfur-like odor (ML).	Vibracore	Silt
		OL-1292-01/02	0.5	ML	Wet, stiff, medium brown, SILT, little fine sand, trace shells.	Vibracore	
		OL-1292-03	0.6	ML	Wet, medium stiff, medium brown, SILT, some fine sand, trace shells, slight sulfur-like odor.	Vibracore	
5		OL-1292-04	0.6	ML	Wet, stiff, medium brown, SILT, trace fine sand, trace shells, slight sulfur-like odor.	Vibracore	
		OL-1292-05	0.7	ML	Wet, stiff, medium brown, SILT, trace fine sand, trace shells, slight sulfur-like odor.	Vibracore	
		OL-1292-06	0.6	ML	Wet, stiff, medium brown, SILT, trace fine sand, trace shells, slight sulfur-like odor.	Vibracore	
		OL-1292-07	0.4	ML	Wet, stiff, medium brown, SILT, trace fine sand, trace shells, slight sulfur-like odor.	Vibracore	
		OL-1292-08	0.5	ML	Wet, stiff, medium brown, SILT, trace find sand, trace shells.	Vibracore	
10		OL-1292-09	0.7	ML	Wet, stiff, medium brown, SILT, trace find sand, trace shells.	Vibracore	
11.0							

Note: Null fields indicate PID reading not taken